

Club Med Cherating, MALAYSIA



Cherating Beach



Terms & Conditions:

* Booking period: 02 April to 03 May 2018

* Stay validity: 01 May to 31 October 2018

* Black out period: NIL

* Rates quoted are subjected to changes without prior notice

* Rates quoted are in Singapore Dollars

* Rooms on quota basis

* Minimum 3 nights / Maximum 7 nights stay

* Minimum 2 adults traveling on the same itinerary

* Valid for new booking only

* Full payment is required for all confirmed bookings. STRICTLY NO AMENDMENT, CANCELLATION OR REFUND.

* PLEASE CALL OUR HOTLINE FOR CROSS SEASONALITY.

Package Includes:

- Return economy class air fare by Firefly (taxes included) - *Top up may be required due to increase in fare*

- Accommodation (with choice of room categories)

- Return land transfers from Kuantan Airport to resort (approx. 45 mins)

- Sumptuous buffet breakfast, lunch & dinner

- Free flow of red/white wine, beer and beverages during lunch & dinner

- All day unlimited bar & snacking at selected times

- All non-motorized sports activities

- Unique nightly entertainment

Package Excludes:

** Connecting room surcharge S\$41 per night per set of connecting

** Malaysia Tourism Taxes S\$2 per person (adult & child 2-11yrs) per night

Note:

- Weekdays refer to Sunday to Thursday & Weekends refer to Friday and Saturday.

- Firefly Timing: FY3572 SIN/KUA 1130/1235HRS // FY3573 KUA/SIN 1335/1440HRS

4D3N AIR PACKAGE by FIREFLY (Twin Sharing - per person)

S18-SHO

3 WEEKDAYS	Adult		Child			Adult		Child			Adult		Child		
	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs
Room Type	Club Room, C2					Club Room Seaside, A2 (Maximum 2 person only)					Seaside Suite with Terrace, S2				
01May - 03May	611	544	467	267	100	666	588	500	267	100	978	838	687	267	100
04May - 10May	701	616	521	267	100	771	672	563	267	100	1167	989	801	267	100
11May - 17May	701	616	521	267	100	771	672	563	267	100	1167	989	801	267	100
18May - 24May	701	616	521	267	100	771	672	563	267	100	1167	989	801	267	100
25May - 31May	764	667	559	267	100	845	731	607	267	100	1302	1097	882	267	100
01Jun - 07Jun	764	667	559	267	100	845	731	607	267	100	1302	1097	882	267	100
08Jun - 14Jun	850	736	610	267	100	945	812	667	267	100	1482	1241	990	267	100
15Jun - 21Jun	912	785	647	267	100	1017	869	710	267	100	1612	1345	1067	267	100
22Jun - 28Jun	764	667	559	267	100	845	731	607	267	100	1302	1097	882	267	100
29Jun - 05Jul	764	667	559	267	100	845	731	607	267	100	1302	1097	882	267	100
06Jul - 12Jul	816	709	590	267	100	906	780	644	267	100	1412	1185	947	267	100
13Jul - 19Jul	816	709	590	267	100	906	780	644	267	100	1412	1185	947	267	100
20Jul - 26Jul	816	709	590	267	100	906	780	644	267	100	1412	1185	947	267	100
27Jul - 02Aug	816	709	590	267	100	906	780	644	267	100	1412	1185	947	267	100
03Aug - 09Aug	816	709	590	267	100	906	780	644	267	100	1412	1185	947	267	100
10Aug - 16Aug	816	709	590	267	100	906	780	644	267	100	1412	1185	947	267	100
17Aug - 23Aug	816	709	590	267	100	906	780	644	267	100	1412	1185	947	267	100
24Aug - 30Aug	764	667	559	267	100	845	731	607	267	100	1302	1097	882	267	100
31Aug - 06Sep	701	616	521	267	100	771	672	563	267	100	1167	989	801	267	100
07Sep - 13Sep	736	645	542	267	100	812	705	587	267	100	1241	1049	845	267	100
14Sep - 20Sep	701	616	521	267	100	771	672	563	267	100	1167	989	801	267	100
21Sep - 27Sep	701	616	521	267	100	771	672	563	267	100	1167	989	801	267	100
28Sep - 04Oct	764	667	559	267	100	872	753	623	267	100	1482	1241	990	267	100
05Oct - 11Oct	701	616	521	267	100	771	672	563	267	100	1167	989	801	267	100
12Oct - 18Oct	701	616	521	267	100	771	672	563	267	100	1167	989	801	267	100
19Oct - 25Oct	701	616	521	267	100	771	672	563	267	100	1167	989	801	267	100
26Oct - 31Oct	701	616	521	267	100	771	672	563	267	100	1167	989	801	267	100

4D3N AIR PACKAGE by FIREFLY (Twin Sharing - per person)

2 WEEKDAYS + 1 WEEKEND	Adult	Teens	Child			Adult	Teens	Child			Adult	Teens	Child		
	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs
Room Type	Club Room, C2					Club Room Seaside, A2 (Maximum 2 person only)					Seaside Suite with Terrace, S2				
01May - 03May	639	566	483	267	100	698	614	519	267	100	1036	885	722	267	100
04May - 10May	726	636	536	267	100	800	695	580	267	100	1219	1031	832	267	100
11May - 17May	726	636	536	267	100	800	695	580	267	100	1219	1031	832	267	100
18May - 24May	726	636	536	267	100	800	695	580	267	100	1219	1031	832	267	100
25May - 31May	793	690	576	267	100	878	758	627	267	100	1362	1145	918	267	100
01Jun - 07Jun	793	690	576	267	100	878	758	627	267	100	1362	1145	918	267	100
08Jun - 14Jun	850	736	610	267	100	945	812	667	267	100	1482	1241	990	267	100
15Jun - 21Jun	912	785	647	267	100	1017	869	710	267	100	1612	1345	1067	267	100
22Jun - 28Jun	793	690	576	267	100	878	758	627	267	100	1362	1145	918	267	100
29Jun - 05Jul	793	690	576	267	100	878	758	627	267	100	1362	1145	918	267	100
06Jul - 12Jul	848	734	609	267	100	943	810	666	267	100	1479	1238	987	267	100
13Jul - 19Jul	848	734	609	267	100	943	810	666	267	100	1479	1238	987	267	100
20Jul - 26Jul	848	734	609	267	100	943	810	666	267	100	1479	1238	987	267	100
27Jul - 02Aug	848	734	609	267	100	943	810	666	267	100	1479	1238	987	267	100
03Aug - 09Aug	848	734	609	267	100	943	810	666	267	100	1479	1238	987	267	100
10Aug - 16Aug	848	734	609	267	100	943	810	666	267	100	1479	1238	987	267	100
17Aug - 23Aug	848	734	609	267	100	943	810	666	267	100	1479	1238	987	267	100
24Aug - 30Aug	793	690	576	267	100	878	758	627	267	100	1362	1145	918	267	100
31Aug - 06Sep	726	636	536	267	100	800	695	580	267	100	1219	1031	832	267	100
07Sep - 13Sep	763	666	558	267	100	843	730	606	267	100	1298	1094	879	267	100
14Sep - 20Sep	726	636	536	267	100	800	695	580	267	100	1219	1031	832	267	100
21Sep - 27Sep	726	636	536	267	100	800	695	580	267	100	1219	1031	832	267	100
28Sep - 04Oct	793	690	576	267	100	896	773	638	267	100	1482	1241	990	267	100
05Oct - 11Oct	726	636	536	267	100	800	695	580	267	100	1219	1031	832	267	100
12Oct - 18Oct	726	636	536	267	100	800	695	580	267	100	1219	1031	832	267	100
19Oct - 25Oct	726	636	536	267	100	800	695	580	267	100	1219	1031	832	267	100
26Oct - 31Oct	726	636	536	267	100	800	695	580	267	100	1219	1031	832	267	100

4D3N AIR PACKAGE by FIREFLY (Twin Sharing - per person)

1 WEEKDAY + 2 WEEKENDS	Adult	Teens	Child			Adult	Teens	Child			Adult	Teens	Child		
	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs
Room Type	Club Room, C2					Club Room Seaside, A2 (Maximum 2 person only)					Seaside Suite with Terrace, S2				
01May - 03May	666	589	500	267	100	730	640	538	267	100	1095	931	757	267	100
04May - 10May	750	656	550	267	100	828	718	597	267	100	1272	1073	863	267	100
11May - 17May	750	656	550	267	100	828	718	597	267	100	1272	1073	863	267	100
18May - 24May	750	656	550	267	100	828	718	597	267	100	1272	1073	863	267	100
25May - 31May	822	713	593	267	100	912	785	647	267	100	1422	1193	954	267	100
01Jun - 07Jun	822	713	593	267	100	912	785	647	267	100	1422	1193	954	267	100
08Jun - 14Jun	850	736	610	267	100	945	812	667	267	100	1482	1241	990	267	100
15Jun - 21Jun	912	785	647	267	100	1017	869	710	267	100	1612	1345	1067	267	100
22Jun - 28Jun	822	713	593	267	100	912	785	647	267	100	1422	1193	954	267	100
29Jun - 05Jul	822	713	593	267	100	912	785	647	267	100	1422	1193	954	267	100
06Jul - 12Jul	880	759	628	267	100	980	839	688	267	100	1545	1292	1027	267	100
13Jul - 19Jul	880	759	628	267	100	980	839	688	267	100	1545	1292	1027	267	100
20Jul - 26Jul	880	759	628	267	100	980	839	688	267	100	1545	1292	1027	267	100
27Jul - 02Aug	880	759	628	267	100	980	839	688	267	100	1545	1292	1027	267	100
03Aug - 09Aug	880	759	628	267	100	980	839	688	267	100	1545	1292	1027	267	100
10Aug - 16Aug	880	759	628	267	100	980	839	688	267	100	1545	1292	1027	267	100
17Aug - 23Aug	880	759	628	267	100	980	839	688	267	100	1545	1292	1027	267	100
24Aug - 30Aug	822	713	593	267	100	912	785	647	267	100	1422	1193	954	267	100
31Aug - 06Sep	750	656	550	267	100	828	718	597	267	100	1272	1073	863	267	100
07Sep - 13Sep	790	687	574	267	100	874	755	625	267	100	1354	1139	913	267	100
14Sep - 20Sep	750	656	550	267	100	828	718	597	267	100	1272	1073	863	267	100
21Sep - 27Sep	750	656	550	267	100	828	718	597	267	100	1272	1073	863	267	100
28Sep - 04Oct	822	713	593	267	100	921	792	653	267	100	1482	1241	990	267	100
05Oct - 11Oct	750	656	550	267	100	828	718	597	267	100	1272	1073	863	267	100
12Oct - 18Oct	750	656	550	267	100	828	718	597	267	100	1272	1073	863	267	100
19Oct - 25Oct	750	656	550	267	100	828	718	597	267	100	1272	1073	863	267	100
26Oct - 31Oct	750	656	550	267	100	828	718	597	267	100	1272	1073	863	267	100

EXTENSION NIGHT FOR AIR PACKAGE by FIREFLY (Twin Sharing - per person per night)

WEEKDAYS	Adult	Teens	Child			Adult	Teens	Child			Adult	Teens	Child		
	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs
Room Type	Club Room, C2					Club Room Seaside, A2 (Maximum 2 person only)					Seaside Suite with Terrace, S2				
01May - 03May	111	89	67	0	0	129	103	78	0	0	233	187	140	0	0
04May - 10May	141	113	85	0	0	164	131	99	0	0	296	237	178	0	0
11May - 17May	141	113	85	0	0	164	131	99	0	0	296	237	178	0	0
18May - 24May	141	113	85	0	0	164	131	99	0	0	296	237	178	0	0
25May - 31May	162	130	97	0	0	189	151	113	0	0	341	273	205	0	0
01Jun - 07Jun	162	130	97	0	0	189	151	113	0	0	341	273	205	0	0
08Jun - 14Jun	191	153	114	0	0	222	178	133	0	0	401	321	241	0	0
15Jun - 21Jun	211	169	127	0	0	246	197	148	0	0	445	356	267	0	0
22Jun - 28Jun	162	130	97	0	0	189	151	113	0	0	341	273	205	0	0
29Jun - 05Jul	162	130	97	0	0	189	151	113	0	0	341	273	205	0	0
06Jul - 12Jul	179	144	108	0	0	209	167	126	0	0	378	302	227	0	0
13Jul - 19Jul	179	144	108	0	0	209	167	126	0	0	378	302	227	0	0
20Jul - 26Jul	179	144	108	0	0	209	167	126	0	0	378	302	227	0	0
27Jul - 02Aug	179	144	108	0	0	209	167	126	0	0	378	302	227	0	0
03Aug - 09Aug	179	144	108	0	0	209	167	126	0	0	378	302	227	0	0
10Aug - 16Aug	179	144	108	0	0	209	167	126	0	0	378	302	227	0	0
17Aug - 23Aug	179	144	108	0	0	209	167	126	0	0	378	302	227	0	0
24Aug - 30Aug	162	130	97	0	0	189	151	113	0	0	341	273	205	0	0
31Aug - 06Sep	141	113	85	0	0	164	131	99	0	0	296	237	178	0	0
07Sep - 13Sep	153	122	92	0	0	178	142	107	0	0	321	257	193	0	0
14Sep - 20Sep	141	113	85	0	0	164	131	99	0	0	296	237	178	0	0
21Sep - 27Sep	141	113	85	0	0	164	131	99	0	0	296	237	178	0	0
28Sep - 04Oct	162	130	97	0	0	198	158	119	0	0	401	321	241	0	0
05Oct - 11Oct	141	113	85	0	0	164	131	99	0	0	296	237	178	0	0
12Oct - 18Oct	141	113	85	0	0	164	131	99	0	0	296	237	178	0	0
19Oct - 25Oct	141	113	85	0	0	164	131	99	0	0	296	237	178	0	0
26Oct - 31Oct	141	113	85	0	0	164	131	99	0	0	296	237	178	0	0

EXTENSION NIGHT FOR AIR PACKAGE by FIREFLY (Twin Sharing - per person per night)

WEEKENDS	Adult	Teens	Child			Adult	Teens	Child			Adult	Teens	Child		
	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs
Room Type	Club Room, C2					Club Room Seaside, A2 (Maximum 2 person only)					Seaside Suite with Terrace, S2				
01May - 03May	139	111	83	0	0	162	129	97	0	0	292	233	175	0	0
04May - 10May	166	132	99	0	0	193	154	116	0	0	349	279	209	0	0
11May - 17May	166	132	99	0	0	193	154	116	0	0	349	279	209	0	0
18May - 24May	166	132	99	0	0	193	154	116	0	0	349	279	209	0	0
25May - 31May	191	153	114	0	0	222	178	133	0	0	401	321	241	0	0
01Jun - 07Jun	191	153	114	0	0	222	178	133	0	0	401	321	241	0	0
08Jun - 14Jun	191	153	114	0	0	222	178	133	0	0	401	321	241	0	0
15Jun - 21Jun	211	169	127	0	0	246	197	148	0	0	445	356	267	0	0
22Jun - 28Jun	191	153	114	0	0	222	178	133	0	0	401	321	241	0	0
29Jun - 05Jul	191	153	114	0	0	222	178	133	0	0	401	321	241	0	0
06Jul - 12Jul	211	169	127	0	0	246	197	148	0	0	445	356	267	0	0
13Jul - 19Jul	211	169	127	0	0	246	197	148	0	0	445	356	267	0	0
20Jul - 26Jul	211	169	127	0	0	246	197	148	0	0	445	356	267	0	0
27Jul - 02Aug	211	169	127	0	0	246	197	148	0	0	445	356	267	0	0
03Aug - 09Aug	211	169	127	0	0	246	197	148	0	0	445	356	267	0	0
10Aug - 16Aug	211	169	127	0	0	246	197	148	0	0	445	356	267	0	0
17Aug - 23Aug	211	169	127	0	0	246	197	148	0	0	445	356	267	0	0
24Aug - 30Aug	191	153	114	0	0	222	178	133	0	0	401	321	241	0	0
31Aug - 06Sep	166	132	99	0	0	193	154	116	0	0	349	279	209	0	0
07Sep - 13Sep	179	144	108	0	0	209	167	125	0	0	378	302	227	0	0
14Sep - 20Sep	166	132	99	0	0	193	154	116	0	0	349	279	209	0	0
21Sep - 27Sep	166	132	99	0	0	193	154	116	0	0	349	279	209	0	0
28Sep - 04Oct	191	153	114	0	0	222	178	133	0	0	401	321	241	0	0
05Oct - 11Oct	166	132	99	0	0	193	154	116	0	0	349	279	209	0	0
12Oct - 18Oct	166	132	99	0	0	193	154	116	0	0	349	279	209	0	0
19Oct - 25Oct	166	132	99	0	0	193	154	116	0	0	349	279	209	0	0
26Oct - 31Oct	166	132	99	0	0	193	154	116	0	0	349	279	209	0	0

RESORT ONLY PACKAGE (Twin Sharing - per person per night) ***Minimum 3 nights stay**

WEEKDAYS	Adult	Teens	Child			Adult	Teens	Child			Adult	Teens	Child		
	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs
Room Type	Club Room, C2					Club Room Seaside, A2 (Maximum 2 person only)					Seaside Suite with Terrace, S2				
01May - 03May	122	98	73	0	0	141	113	84	0	0	245	196	147	0	0
04May - 10May	155	124	93	0	0	179	143	107	0	0	311	249	186	0	0
11May - 17May	155	124	93	0	0	179	143	107	0	0	311	249	186	0	0
18May - 24May	155	124	93	0	0	179	143	107	0	0	311	249	186	0	0
25May - 31May	179	144	108	0	0	206	165	124	0	0	359	287	215	0	0
01Jun - 07Jun	179	144	108	0	0	206	165	124	0	0	359	287	215	0	0
08Jun - 14Jun	211	168	126	0	0	242	194	145	0	0	421	337	253	0	0
15Jun - 21Jun	233	187	140	0	0	268	215	161	0	0	467	373	280	0	0
22Jun - 28Jun	179	144	108	0	0	206	165	124	0	0	359	287	215	0	0
29Jun - 05Jul	179	144	108	0	0	206	165	124	0	0	359	287	215	0	0
06Jul - 12Jul	199	159	119	0	0	228	183	137	0	0	397	318	238	0	0
13Jul - 19Jul	199	159	119	0	0	228	183	137	0	0	397	318	238	0	0
20Jul - 26Jul	199	159	119	0	0	228	183	137	0	0	397	318	238	0	0
27Jul - 02Aug	199	159	119	0	0	228	183	137	0	0	397	318	238	0	0
03Aug - 09Aug	199	159	119	0	0	228	183	137	0	0	397	318	238	0	0
10Aug - 16Aug	199	159	119	0	0	228	183	137	0	0	397	318	238	0	0
17Aug - 23Aug	199	159	119	0	0	228	183	137	0	0	397	318	238	0	0
24Aug - 30Aug	179	144	108	0	0	206	165	124	0	0	359	287	215	0	0
31Aug - 06Sep	155	124	93	0	0	179	143	107	0	0	311	249	186	0	0
07Sep - 13Sep	168	135	101	0	0	194	155	116	0	0	337	269	202	0	0
14Sep - 20Sep	155	124	93	0	0	179	143	107	0	0	311	249	186	0	0
21Sep - 27Sep	155	124	93	0	0	179	143	107	0	0	311	249	186	0	0
28Sep - 04Oct	239	192	144	0	0	275	220	165	0	0	479	383	287	0	0
05Oct - 11Oct	155	124	93	0	0	179	143	107	0	0	311	249	186	0	0
12Oct - 18Oct	155	124	93	0	0	179	143	107	0	0	311	249	186	0	0
19Oct - 25Oct	155	124	93	0	0	179	143	107	0	0	311	249	186	0	0
26Oct - 31Oct	155	124	93	0	0	179	143	107	0	0	311	249	186	0	0

RESORT ONLY PACKAGE (Twin Sharing - per person per night) ***Minimum 3 nights stay**

WEEKENDS	Adult	Teens	Child			Adult	Teens	Child			Adult	Teens	Child		
	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs	≥18yrs	12-17yrs	4-11yrs	2-3yrs	0-1yrs
Room Type	Club Room, C2					Club Room Seaside, A2 (Maximum 2 person only)					Seaside Suite with Terrace, S2				
01May - 03May	153	122	92	0	0	176	141	106	0	0	306	245	184	0	0
04May - 10May	183	146	110	0	0	210	168	126	0	0	366	293	220	0	0
11May - 17May	183	146	110	0	0	210	168	126	0	0	366	293	220	0	0
18May - 24May	183	146	110	0	0	210	168	126	0	0	366	293	220	0	0
25May - 31May	211	168	126	0	0	242	194	145	0	0	421	337	253	0	0
01Jun - 07Jun	211	168	126	0	0	242	194	145	0	0	421	337	253	0	0
08Jun - 14Jun	211	168	126	0	0	242	194	145	0	0	421	337	253	0	0
15Jun - 21Jun	233	187	140	0	0	268	215	161	0	0	467	373	280	0	0
22Jun - 28Jun	211	168	126	0	0	242	194	145	0	0	421	337	253	0	0
29Jun - 05Jul	211	168	126	0	0	242	194	145	0	0	421	337	253	0	0
06Jul - 12Jul	233	187	140	0	0	268	215	161	0	0	467	373	280	0	0
13Jul - 19Jul	233	187	140	0	0	268	215	161	0	0	467	373	280	0	0
20Jul - 26Jul	233	187	140	0	0	268	215	161	0	0	467	373	280	0	0
27Jul - 02Aug	233	187	140	0	0	268	215	161	0	0	467	373	280	0	0
03Aug - 09Aug	233	187	140	0	0	268	215	161	0	0	467	373	280	0	0
10Aug - 16Aug	233	187	140	0	0	268	215	161	0	0	467	373	280	0	0
17Aug - 23Aug	233	187	140	0	0	268	215	161	0	0	467	373	280	0	0
24Aug - 30Aug	211	168	126	0	0	242	194	145	0	0	421	337	253	0	0
31Aug - 06Sep	183	146	110	0	0	210	168	126	0	0	366	293	220	0	0
07Sep - 13Sep	198	159	119	0	0	228	182	137	0	0	397	317	238	0	0
14Sep - 20Sep	183	146	110	0	0	210	168	126	0	0	366	293	220	0	0
21Sep - 27Sep	183	146	110	0	0	210	168	126	0	0	366	293	220	0	0
28Sep - 04Oct	211	168	126	0	0	242	194	145	0	0	421	337	253	0	0
05Oct - 11Oct	183	146	110	0	0	210	168	126	0	0	366	293	220	0	0
12Oct - 18Oct	183	146	110	0	0	210	168	126	0	0	366	293	220	0	0
19Oct - 25Oct	183	146	110	0	0	210	168	126	0	0	366	293	220	0	0
26Oct - 31Oct	183	146	110	0	0	210	168	126	0	0	366	293	220	0	0

** Resort Only - Check in after 1500hrs, Lunch on arrival is NOT included. Check out at 1000hrs.

** Two way airport transfer at S\$54 per adult / S\$44 per child (2-11yrs)

** Connecting room surcharge S\$41 per night per set of connecting

** Malaysia Tourism Taxes S\$2 per person (adult & child 2-11yrs) per night

Updated 29-Mar-18