

Median Example

array index	0	1	2	3	4
sorted array data n=5 (odd)	14	15	22	25	31

middle index = $(\text{int}) n / 2 = 5 / 2 = 2$

array index	0	1	2	3	4	5
sorted array data n=6 (even)	14	15	22	25	31	34

middle indices = $(\text{int}) n / 2 , (\text{int}) (n / 2) - 1$