5.1 PP

MM①   Public static int largestData(int[] data)

	0	1	2	3	4
data	1	4	-4	3	8

line	result	i	output
2	-1000		
4		0	
6	1		
4		1	
6	4		
4		2	
6	4		
4		3	
6	4		
4		4	
6	8		
10			8

Summary

data	val ret
{1,4,-4,3,8}	8
{15, 20, 50, 35}	50

	0	1	2	3
data	15	20	50	35

line	result	i	output
2	-1000		
4		0	
6	15		
4		1	
6	20		
4		2	
6	50		
4		3	
10			50

data	0	1	2	3	4	val
	2	6	-3	7	3	7

line	result	i	output
2	false		
3		0	
6	false		
9		1	
6	false		
9		2	
6	false		
9		3	
6	false		
9		4	
7	true		
12			true

data	0	1	2	3	4	val
	-1	7	2	-4	9	5

line	result	i	output
2	false		
3		0	
6	false		
9		1	
6	false		
9		2	
6	false		
9		3	
6	false		
9		4	
12			false

summary

data	val	val ret
{2, 6, -3, 7, 3}	7	true
{-1, 7, 2, -4, 9}	5	false

③ Public static boolean qualityTest(int[] data, int val)

String   0   1   2

Nostromo   Sulaco   Prometheus

line	i	output
3	.	"Here are 3 of many fictional spacecraft!"
4	0	"Nostromo"
5		
4	1	"Sulaco"
5		
4	2	"Prometheus"
5		

line	temp	i	values	0	1	2
				5	6	7
1						
4	5					
5		1				
6					6	
5		2				
6						7
8	7					

Values	0	1	2
	5	7	7
	6	7	7