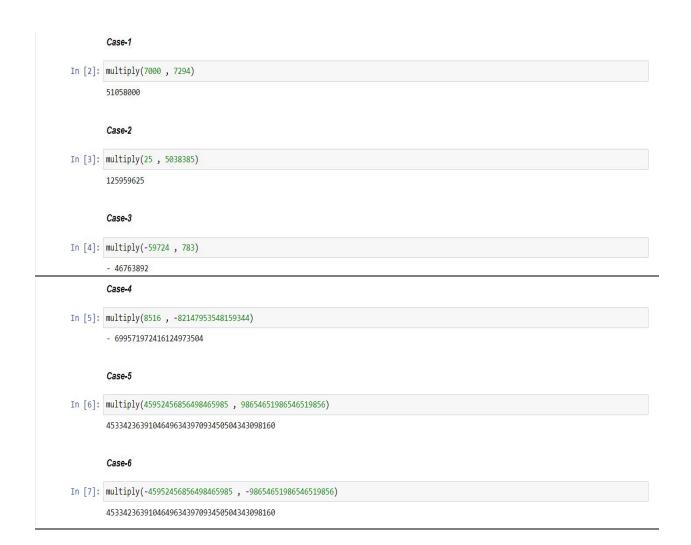
## **Project-1**

## **Problem 1 Output (Array Sorting)**

```
Case-1
In [2]: sort(3)
         7
Out[2]: [3, 7, 9]
         Case-2
In [3]: sort(4)
         9
Out[3]: [1, 2, 7, 9]
         Case-3
In [4]: sort(8)
         10
         15
         12
         18
Out[4]: [1, 3, 7, 8, 10, 12, 15, 18]
         Case-4
In [5]: sort(19)
         18
21
5
6
8
10
12
16
17
17
20
25
28
Out[5]: [1, 3, 5, 5, 5, 5, 6, 8, 10, 12, 15, 16, 17, 17, 18, 20, 21, 25, 28]
```

## **Problem 2a Output (Ala-carte Multiplication)**



## **Problem 2b Output (Rectangle Multiplication)**

