

## Streams :

1.

```
Enter the number of integers: 5
Enter the integers:
1 2 3 4 5
The average is: 3.0
```

2.

```
Enter words (type 'exit' to stop):
Ram
Rahim
Reynolds
exit
Choose conversion: 1 for Uppercase, 2 for Lowercase
1
Converted to Uppercase: [RAM, RAHIM, REYNOLDS]
```

3.

```
Enter the number of integers: 5
Enter the integers:
1
2
3
4
5
Sum of even numbers: 6
Sum of odd numbers: 9
```

4.

```
Enter the number of integers: 7
Enter the integers:
1 1 3 2 4 4 6
Original list: [1, 1, 3, 2, 4, 4, 6]
List without duplicates: [1, 3, 2, 4, 6]
```

5.

```
Enter words (type 'exit' to stop):  
aim  
ram  
rahim  
boot  
shoes  
exit  
Enter a letter:  
r  
Number of words that start with 'r': 2
```

6.

```
Enter words (type 'exit' to stop):  
Zebra  
Arun  
Barber  
Icecream  
Food  
exit  
Ascending order:  
Arun Barber Food Icecream Zebra  
Descending order:  
Zebra Icecream Food Barber Arun
```

7.

```
Enter the number of integers: 6  
Enter the integers:  
1 2 3 4 5 6  
Maximum value: 6  
Minimum value: 1
```

```
1.Insert
2.Update
3.Read
4.delete
5.Exit
Enter a choice:
3
id:1, name:Prabhas, subject 1 marks:100, subject 2 marks:90, subject 3 marks:70, subject 4 marks:60
id:2, name:Charan, subject 1 marks:10, subject 2 marks:20, subject 3 marks:30, subject 4 marks:40
id:3, name:Raja, subject 1 marks:50, subject 2 marks:33, subject 3 marks:100, subject 4 marks:100
id:4, name:kartik, subject 1 marks:60, subject 2 marks:80, subject 3 marks:39, subject 4 marks:60
1.Insert
2.Update
3.Read
4.delete
5.Exit
Enter a choice:
5
```