

EXPERIMENT NO.: 2

```
Enter three numbers: 4 3 10
Forward Order: 4, 3, 10
Reversed Order: 10, 3, 4
```

1) Programmed by Milan Bairagi

```
Original Value: 5
After increment: 6
After decrement: 5
```

2) Programmed by Milan Bairagi

```
Enter principal amount: 4000
Enter rate of interest: 5
Enter time (in years): 4
Simple Interest: 800.00
Compound Interest: 862.03
```

3) Programmed by Milan Bairagi

```
Values Before Swapping:
a = 10, b = 5

Swap using third variable:
a = 5, b = 10
Values Before Swapping:
x = 2, y = 3

Swap without using third variable:
x = 3, y = 2
```

4) Programmed by Milan Bairagi

```
Enter a number: 9
Using Modulus Operator, 9 is odd.
Using Bitwise Operator, 9 is odd.
Without using bitwise and modulus operator, 9 is odd.
Using Conditional Operator, 9 is odd.
```

5) Programmed by Milan Bairagi

```
Size of int: 4 bytes
Size of float: 4 bytes
Size of double: 8 bytes
Size of char: 1 bytes
```

6) Programmed by Milan Bairagi