

Logic Building Assignment : 34

1. Write java program which accept N numbers from user and accept one another number as NO , check whether NO is present or not.

Input : N : 6
 NO: 66
 Elements : 85 66 3 66 93 88

Output : TRUE

Input : N : 6
 NO: 12
 Elements : 85 11 3 15 11 111

Output : FALSE

Program Layout :

```
class Number
{
    boolean Check(int Arr[], int iNo)
    {
        // Logic
    }
}
```

2. Write java program which accept N numbers from user and accept one another number as NO , return index of first occurrence of that NO.

Input : N : 6
 NO: 66
 Elements : 85 66 3 66 93 88

Output : 1

Input : N : 6

NO: 12

Elements : 85 11 3 15 11 111

Output : -1

Program Layout :

```
#include<stdio.h>
```

```
class Number
{
    public int FirstOcc(int Arr[], int iNo)
    {
        // Logic
    }
}
```

3. Write java program which accept N numbers from user and accept one another number as NO , return index of last occurrence of that NO.

Input : N : 6
 NO: 66
 Elements : 85 66 3 66 93 88

Output : 3

Input : N : 6
 NO: 93
 Elements : 85 66 3 66 93 88

Output : 4

Input : N : 6
 NO: 12
 Elements : 85 11 3 15 11 111

Output : -1

```
class Number
{
```

```
public int LastOcc(int Arr[], int iNo)
{
    // Logic
}
```

4. Write java program which accept N numbers from user and accept Range, Display all elements from that range

Input : N : 6
 Start: 60
 End : 90
 Elements : 85 66 3 76 93 88

Output : 66 76 88

Input : N : 6
 Start: 30
 End : 50
 Elements : 85 66 3 76 93 88

Output :

Program Layout :

```
class Number
{
    public void Display(int Arr[], int iStart, int iEnd)
    {
        // Logic
    }
}
```

5. Write java program which accept N numbers from user and return product of all odd elements.

Input : N : 6
 Elements : 15 66 3 70 10 88

Output : 45

Input : N : 6

Elements : 44 66 72 70 10 88

Output : 0

Program Layout :

```
class Number
{
    public int Product(int Arr[])
    {
        // Logic
    }
}
```

