Assignment - 2

1)

Write a program to print first n odd numbers.

```
public class NoddNumber {
    public static void main(String[] args) {
       o1.print();
   int n,i,temp;
    void print()
        System.out.println("Enter Number");
       n = sc.nextInt();
                    System.out.println("Number is:"+i);
                temp++;
```

```
}
}
```

2)

Write a program to check that the given number is prime or not.

```
package Secondlab;
import java.util.*;
   public static void main(String[] args) {
       Check c1 = new Check();
       c1.print();
   int n, i = 1, temp = 0;
    void print()
        System.out.println("Enter Number");
        n = sc.nextInt();
        for(i=2;i<n/2;i++)
        if(temp == 2)
           System.out.println("No is prime");
           System.out.println("No is Not Prime");
```

3)

Write a program to draw the given patterns.

1)

```
package Secondlab;
import java.util.Scanner;
public class Pattern1 {
    public static void main(String[] args) {
       al.print();
   int n,i,j;
   Scanner sc = new Scanner(System.in);
   void print()
        System.out.println("Enter number");
        n = sc.nextInt();
             System.out.println();
             for(j=0;j<n;j++)
                System.out.print("*");
```

```
import java.util.*;
public class P2 {
   public static void main(String[] args) {
       p2.print();
   void print()
        System.out.println("Enter Number:");
        for(i=0;i<n;i++)
            System.out.println();
            for(j=0;j<=i;j++)
                System.out.print("*");
```

```
import java.util.Scanner;
public class P3 {
   public static void main(String[] args) {
       p.print();
class Patt3{
   int i,j,n;
       System.out.println("Enter Number:");
       n = sc.nextInt();
        for(i=0;i<n;i++)
            System.out.println();
            for(j=i;j<n;j++)
               System.out.print("*");
```

4)

```
public class P5 {
   public static void main(String[] args) {
       patte5 p = new patte5();
       p.print();
    void print()
       System.out.println("Enter number:");
               if (j < i) {
                   System.out.print(" ");
                   System.out.print("* ");
```

```
public static void main(String[] x) {
    patt7 p7 = new patt7();
    p7.print();
void print() {
    int k = 5, ast = 0, pos = 1;
    System.out.println();
             if (j < k)
                 System.out.print(" ");
                 if (ast < pos) {</pre>
                     System.out.print("* ");
        pos = pos + 2;
        System.out.println();
    pos = 7;
                 if (ast < pos) {</pre>
```

```
public static void main(String[] x) {
    patte7 p7 = new patte7();
    p7.print();
void print() {
   System.out.println();
            if (j < k + 1)
                System.out.print(" ");
                    System.out.print("* ");
        pos = pos - 2;
        ast = 0;
        System.out.println();
    pos = 3;
```

```
public class P9 {
    public static void main(String[] args) {
        patt9 p9 = new patt9();
        p9.print();
        System.out.println();
                if(j < k)
                    System.out.print(" ");
                     if(ast < pos)</pre>
                             System.out.print("* ");
        System.out.println();
         System.out.print("* ");
```

```
System.out.println();
}
}
```

```
public static void main(String[] args) {
    patt10 p10 = new patt10();
    p10.print();
void print() {
    int k = 5, ast = 0, pos = 1;
    System.out.println();
            if (j < k)
                System.out.print(" ");
                     if (ast == 0 | | ast <math>== pos - 1)
                         System.out.print("* ");
                         System.out.print(" ");
        ast = 0;
        System.out.println();
        pos = 7;
                     System.out.print(" ");
```