

# FOR LOOP

1. Write a program to print numbers from 1 to 10 in a single row with one tab space.

```
1 package array;
2
3 public class Numberfor {
4     public static void main(String[] args) {
5         for(int i=1;i<=10;i++) {
6             System.out.print(i+" ");
7         }
8     }
9 }
```

```
<terminated> Numberfor [Ja
1 2 3 4 5 6 7 8 9 10
```

2. Write a program to print even numbers between 23 and 57. Each number should be printed in a separated row.

```
1 package Itraining;
2
3 public class Evenfor {
4     public static void main(String[] args) {
5         for(int i=23;i<=57;i++) {
6             if(i%2==0) {
7                 System.out.println(i);
8             }
9         }
10    }
11 }
```

```
<terminated> Eve
24
26
28
30
32
34
36
38
40
42
44
46
48
50
52
54
56
```

3. Write a program to print the prime numbers between 10 and 99.

```
1 package javafundamentals;
2
3 public class Primefor {
4     public static void main(String[] args) {
5         for(int a=10;a<=99;a++)
6         {
7             int fact=1;
8             for(int i=2;i<a/2;i++)
9             {
10                 if((a%i)==0)
11                 {
12                     fact=0;
13                     break;
14                 }
15             }
16             if(fact==1)
17             {
18                 System.out.print(a+" ");
19             }
20         }
21     }
22 }
23 }
```

<terminated> Primefor [Java Application] C:\Users\Divya M\Downloads\eclipse-jee-2025-06-R-win32-x86\_64.exe  
11 13 17 19 23 29 31 37 41 43 47 53 59 61 67 71 73 79 83 89 97

4. Write a program to print the sum of all the digits of a given number.

```
1 package Training;
2 import java.util.Scanner;
3 public class Sumofdigit {
4     public static void main(String[] args) {
5         Scanner sc=new Scanner(System.in);
6         int n=sc.nextInt();
7         int sum=0;
8         for(int i=n;i>0;i/=10) {
9             int rem=i%10;
10             sum+=rem;
11             //n/=10;
12         }
13         System.out.println(sum);
14     }
15 }
```

<terminated> Sumofdigit  
9182  
20

## 5. Write a program to print the Floyds Triangle.

```
1 package Training;
2 import java.util.Scanner;
3 public class Floydstriangle {
4     public static void main(String[] args) {
5         Scanner sc=new Scanner(System.in);
6         int n=sc.nextInt();
7         int p=1;
8         for(int i=0;i<n;i++) {
9             for(int j=0;j<=i;j++) {
10                System.out.print(p+" ");
11                p++;
12            }
13            System.out.println();
14        }
15    }
16 }
17 }
18 }
```

<terminated> Floyd

```
3
1
2 3
4 5 6
```

## 6. Write a program to print the following pyramid pattern

```
1 package Training;
2 import java.util.Scanner;
3 public class Pyramid {
4     public static void main(String[] args) {
5         Scanner sc=new Scanner(System.in);
6         int n=sc.nextInt();
7         for(int i=0;i<n;i++) {
8             for(int j=0;j<n-i;j++) {
9                 System.out.print(" ");
10            }
11            for(int k=0;k<=i;k++) {
12                System.out.print("* ");
13            }
14            System.out.println();
15        }
16    }
17 }
18 }
```

<terminated> Pyramid [

```
5
      *
     **
    ***
   ****
  *****
```