



Department of Computer Science and Engineering Data Science

Academic Year: 2022-2023

Semester: III

Class / Branch: SE Data Science

Subject: OOPJ Lab

Name of Instructor: Prof. Poonam Pangarkar

Name of Student: Arya Patil

Student ID: 21107009

Date Of Performance: 29/07/2022

Date Of Submission: 04/08/2022

Experiment No. 1

Aim:- Write a Java program for implementation of looping and branching constructs.

Program 1(a):

```
public class exp1a
{
    public static void main(String[] args)
    {
        int numbers=987654,reverse=0;
        while(numbers!=0)
        {
            int remainder=number%10;
            reverse=reverse*10+remainder;

            number=number/10;
        }
        System.out.println("The reverse of given number is:"+reverse);
    }
}
```

Program 1(b):

```
public class exp1b{
    public static void main(String[] args){
        int i,j,row=6;
        for(i=0;i<row;i++){
```



```
for(j=0;j<=I;j++){  
System.out.print("*");  
}  
System.out.println();  
}  
}
```

Output:-

Program 1(a) Output:

```
apsit@apsit-HP-280-G2-MT-Legacy:~$ javac exp1a.java  
^[[Aapsit@apsit-HP-280-G2-MT-Legacy:~$ java exp1a  
The Reverse of a number is: 456789  
apsit@apsit-HP-280-G2-MT-Legacy:~$
```

Program 1(b) Output:

```
apsit@apsit-HP-280-G2-MT-Legacy:~$ javac exp1b.java  
apsit@apsit-HP-280-G2-MT-Legacy:~$ java exp1b  
*  
**  
***  
****  
*****  
*****  
apsit@apsit-HP-280-G2-MT-Legacy:~$
```