EXPERIMENT – 1.1

Name: Rohan Jaiswal   **UID:** 21BCS2856

Branch: CSE   **Section/Group:** 608 (B)

Semester: 3rd   **Date of Performance:** 23/08/22

Subject Name: OOP using JAVA   **Subject Code:** 21CSH-218

Aim of Practical:

Given an integer, N, print its first 10 multiples. Each multiple N x
i (where 1<=i<=10) should be printed on a new line in the form: N x i = result.

Objective: To study loops execution in Java.

Program Code:

```java
import java.util.Scanner;
class Solution{
    public static void main(String[] args){
        System.out.print("Enter the number: ");
        Scanner S = new Scanner(System.in);
        int n = S.nextInt();
        for(int i=1;i<11;++i)
            System.out.println(n+" x "+i+" = "+n*i);
    }
}
```

Output:

```
PS D:\Desktop\STUDY\3rd Sem\Java\Codes\First_exp> cd "d:\Desktop\ST
Enter the number: 8
8 x 1 = 8
8 x 2 = 16
8 x 3 = 24
8 x 4 = 32
8 x 5 = 40
8 x 6 = 48
8 x 7 = 56
8 x 8 = 64
8 x 9 = 72
8 x 10 = 80
```

Learning outcomes (What I have learnt):

- Learned about code structure of Java.
- Learned how to implement loops in Java.
- Learned how to take input in Java.