Experiment-1.1

AIM – Write a program to print ASCII code of a character.

CODE-

```java
package college;

public class ASCII {

        public static void main(String[] args) {

                char character = 'a';
                int ascii = (int) character;
                System.out.println("ASCII of "+"'"+character+"'"+" is "+ascii);

                character = 'C';
                ascii= (int)character;
                System.out.println("ASCII of "+"'"+character+"'"+" is "+ascii);

        }

}
```
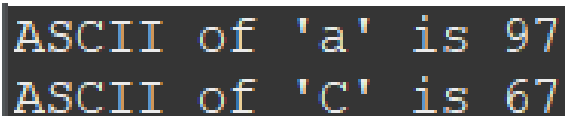
OUTPUT-

```
ASCII of 'a' is 97
ASCII of 'C' is 67
```

Experiment-1.2

AIM – Write a program to input two numbers and print their sum.

CODE-

```java
package college;

import java.util.Scanner;

public class sum2num {

        public static void main(String[] args) {
                Scanner s = new Scanner(System.in);

                System.out.print("Enter the first number: ");
                int m = s.nextInt();

                System.out.print("Enter the second number: ");
                int n = s.nextInt();

                System.out.println("Sum of two number: "+(m+n));

        }
}
```
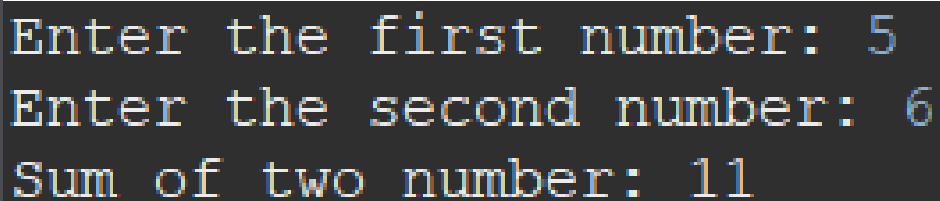
OUTPUT-

```
Enter the first number: 5
Enter the second number: 6
Sum of two number: 11
```
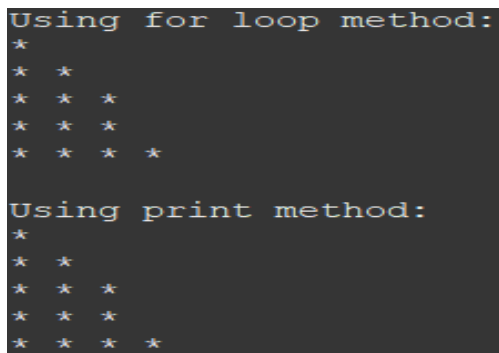
Experiment-1.3

AIM – Write a program to print the given pattern:

```
*
* *
* * *
* * *
* * * *
```

CODE-

```java
package college;
public class givenpattern {
    public static void main(String[] args) {
        System.out.println("Using for loop method: ");
        for (int i =0 ; i<5;i++) {
            for(int j = 0 ; j<i+1;j++) {
                if(i==j && i>2) {
                    break;
                }
                System.out.print("* ");
            }
            System.out.println("");
        }
        System.out.println("\nUsing print method: ");
        System.out.println("*");
        System.out.println("* *");
        System.out.println("* * *");
        System.out.println("* * *");
        System.out.println("* * * *");
    }
}
```

OUTPUT-

Experiment-1.4

AIM – Write a program to Swap two numbers using Bitwise Operator.

CODE-

```java
package college;

import java.util.Scanner;

public class swapbitwise {
        public static void main(String[] args) {
                Scanner s =new Scanner(System.in);

                System.out.print("Enter the first number: ");
                int m =s.nextInt();

                System.out.print("Enter the second number: ");
                int n= s.nextInt();
                System.out.println("\nBefore Swap: m= "+m+" n= "+n);

                m=m^n;
                n=m^n;
                m=m^n;

                System.out.println("\nAfter Swap: m= "+m+" n= "+n);
        }
}
```
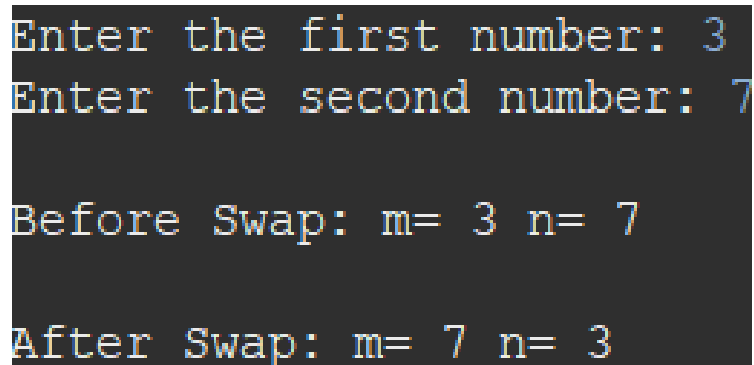
OUTPUT-

```
Enter the first number: 3
Enter the second number: 7


Before Swap: m= 3 n= 7


After Swap: m= 7 n= 3
```