

Experiment - 1.1

Aim:

Write a program to find the ASCII code of any character.

Code:

```
import java.io.*;

import java.util.Scanner;

public class Main{

    public static void main(String[] args) {

        System.out.print("Enter any character : ");

        Scanner sc = new Scanner(System.in);

        char b = sc.next().charAt(0);

        int a = b-0;

        System.out.println("ASCII code of " + b + " is " + a);

    }

}
```

Output:

```
Enter any character : g
ASCII code of g is 103
```

```
Enter any character : K
ASCII code of K is 75
```

Experiment - 1.2

Aim:

Write a program to accept two integers as input and print their sum.

Code:

```
import java.io.*;
import java.util.Scanner;

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

        System.out.print("Enter first no. : ");
        int a = sc.nextInt();

        System.out.print("Enter second no. : ");
        int b = sc.nextInt();

        System.out.println("Sum = " + (a+b));
    }
}
```

Output:

```
Enter first no. : 5
Enter second no. : 4
Sum = 9
```

Experiment - 1.3

Aim: Write a program to half pyramid with the help of loop and without loop.

Code:

```
import java.io.*;

import java.util.Scanner;

public class Main{

    public static void main(String[] args) {

        System.out.println("Pyramid With the help of Loop - ");

        for(int i=0; i<5; i++){

            for(int j=0; j<i+1; j++){

                System.out.print("* ");

            }

            System.out.println();

        }

        System.out.println("Pyramid Without Loop - ");

        System.out.println("* ");

        System.out.println("* *");

        System.out.println("* * *");

        System.out.println("* * * *");

        System.out.println("* * * * *");

    }

}
```

Output:

```
Pyramid With the help of Loop -
*
* *
* * *
* * * *
* * * * *

Pyramid Without Loop -
*
* *
* * *
* * * *
* * * * *
```

Experiment - 1.4

Aim: Write a program to swap two numbers using bitwise operator.

Code:

```
import java.io.*;

import java.util.Scanner;

public class Main

{

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.print("Enter first no. a = ");

        int a = sc.nextInt();

        System.out.print("Eneter second no. b = ");

        int b = sc.nextInt();


        a = a^b;

        b = a^b;

        a = a^b;


        System.out.println("After Swapping -");

        System.out.println("a = " + a + " and b = " + b);

    }

}
```

Output:

```
Enter first no. a = 5
Eneter second no. b = 4
After Swapping -
a = 4 and b = 5
```