ASSIGNMENT 1:

A compiler is a program that translates a source program written in some high-level programming language into machine code for some computer . The generated machine code can be later executed many times against different data each time.

An interpreter reads an executable source program written in a high-level programming language as well as data for this program, and it runs the program against the data to produce some results. One example is the Unix shell interpreter, which runs operating system commands interactively.

JAVA PROGRAM

import java.util.Scanner;

public class Student

{

    private String name;

    private int roll;

    private float mark;

     public void input() {

        Scanner vScanner = new Scanner(System.in);

        System.out.println("Enter student name: ");

        System.out.println("Enter roll:");

        System.out.println("Enter mark:");

     }

      public void display() {

        System.out.println("Name: " + name);

        System.out.println("roll:" + roll);

        System.out.println("mark:" + mark);

      }

      public static void main(String args[]) {

        Student obj = new Student();

        obj.input();

        obj.display();

      }

}