LETS UPGRADE

ASSIGNMENT – 1

Name : Samsanthosh Giftson J

1, Difference between compiler and interpreter?

|  |  |
| --- | --- |
| **Compiler** | **Interpreter** |
| Compiler converts the high level language into low level language (Machine Language).  Compiler is the one which takes the entire code as input and evaluate it at one shot.  Memory requirement is more.  Errors will be displayed once after it evaluates the entire code. | Interpreter does the same job of compiler but compiler do that once all the instructions get typed unlike interpreter.  Interpreter is the one that takes even the single instruction as input and evaluate it on the flow.  Memory requirement is less.  Errors will be displayed at instant that it evaluates each instruction in a flow. |

2, Write a code to display student’s name, marks and roll no

# **SOURCE CODE**

import java.util.Scanner;

 class Student

{

    int roll;

    String name;

    float marks;

     void Input()

    {

      Scanner obj1 = new Scanner(System.in);

      System.out.println("Enter your roll no");

      roll = obj1.nextInt();

      System.out.println("Enter your name");

      name = obj1.next();

      System.out.println("Enter your marks");

      marks = obj1.nextFloat();

      obj1.close();

    }

     void Display()

    {

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

       System.out.println("Roll no :" + roll);

       System.out.println("Marks : " + marks);

    }

    public static void main(String[] args)

    {

        Student obj = new Student();

        obj.Input();

        obj.Display();

    }

}

# **OUTPUT**

