*Date:16/09/2021* ***LETS UGRADE*** *Name: Gagana. G*

*DAY-1 ASSIGNMENT:*

1. Mention the difference between Interpreter and Compiler.

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| --- | --- |
| Compiler | Interpreter |
| * It takes single entire program as input. * Intermediate object code is Generated. * Conditional Control Statements executes faster. * Memory requirement is more. * Program need to be compiled every time. * Errors are displayed after entire program is checked. * E g: C compiler. | * It takes single instructions as input. * No intermediate object code is Generated. * Conditional Control statements executes slower. * Memory Requirement is less. * Errors are displayed for every instruction interpreted. * E g: BASIC |

2. Define a class Student with following members:

Int roll, string name, float marks.

input() to take input of the details and display() to all details of a student.

WAP to which will store details of a student and print the details using above.

* Import java. util. scanner;

public class Student

{

private int Roll\_no;

private string Name;

private float Marks;

public student (int n, string a, float m)

Roll\_no= n;

Name= a;

Marks= m;

}

public student ()

Roll\_no= 0;

Name= “ ” ;

Marks= 0;

}

public void accept() {

Scanner in = new Scanner(system.in);

System. out. print (“Enter the Roll number: “);

Roll\_no = in.nextLine();

System. out. print (“Enter the Name: “);

Name = in.nextLine();

System. out. print (“Enter the Marks: “);

Marks = in.nextLine();

}

public void display() {

System.out.println(“Roll number: “+ roll\_no);

System.out.println(“Name: “+ Name);

System.out.println(“Marks: “+ Marks);

}

public static void main(String args[]) {

student obj = new student();

obj.accept ();

obj.display();

}