Assignment-1

**Ques1. Difference between compiler and interpreter**

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| **complier** | **Interpreter** |
| 1.It takes entire program as input | 1.It takes single instruction as input |
| 2.Conditional statements executes faster | 2.Conditional statements executes slower |
| 3.In this error detection is difficult | 3. In this it is comparatively easier |
| 4. More memory required | 4. Less memory required |
| 5.Generates intermediate object code | 5.Does not produce any intermediate object code |
| 6.It display errors after compilation i.e. all at same time | 6. It display error of each line one by one |
| 7.More efficient | 7.Less efficient |
| 8.Debug is difficult | 8.Debug easily done |
| 9. Example:-C,C++ | 9.Example:-BASIC , PHP ,Python etc |
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Ques2. Write a program to which will store details of a student and print the details

import java.util.Scanner;

public class student{

public static void main (String [] args){

Scanner input = new Scanner(System.in);

int roll;

String name;

float marks;

System.out.println("enter roll no:-");

roll=input.nextInt();

System.out.println("enter name:-");

name = input.next();

System.out.println("marks:-");

marks = input.nextFloat();

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

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

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

}

}