1.

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| Interpreter | Compiler |
| Interpreter is a program which imitates the execution of programs written in a source language. | Compiler is a translator which transforms source language into object language (machine language). |
| Interpreter converts the program by taking a single line at a time. | Compiler converts the whole program in one go. |
| The compilation is done before execution. Comparatively faster. | Compilation and execution take place simultaneously. Slower |
| Memory requirement is more due to the creation of object code. | It requires less memory as it does not create intermediate object code |
| Display all errors after compilation, all at the same time. | Displays error of each line one by one. |

2.

class Student

{

void display () {

System.out.print (“Name :”) ;

String name = sc.nextlnt () ;

System.out.print (“Roll No :” ) ;

Int roll = sc.nextlnt () ;

System.out.print (“ Marks :” ) ;

float marks = sc.nextlnt () ;

System.out.println (“Your name :” + name) ;

System.out.println (“Roll No :” + roll) ;

System.out.print (“Your marks :” + marks) ;

}

}

class DriveStudent

{

public static void main (String [ ] args) {

Student ob = new Student

ob.display () ;

}

}