ar .		
	Java programming Zero to Hero	
10	Différence between interpretes and compiler	
	Interpreter	compiler
>	An Interpoles is that	-An compiler is that
	translates instruction by	translate entère program
	instruction to machine	an into an machine
	code and then executes	code.
	each instruction before it	
	more on to translate	
	next instruction.	
	Conditional Statements	-> Corditional statement
Co.	takes mose time to	takes less time to execute
v	Grecute	
2	pregram need to be compil	-> Not need to compile
Mr. Te	- ed every time right after	every time
	the instruction execute	1 Company designed
na A	-> Graves displayed for	-> Gross are displayed
	every instruction interpré	entre program checked
	-ed	ox only
1 2 3	, Memory required is less	-> Memory required is
		mose
	Exi- Basic , java	Exc: - C. compiler
	Ecs- Basic, java intespector	

import java. util. Sconnex 3 public static void main (String[] args) int roll; String name ? float marks; Sconnes in : new Scamer (System. in); System. out - pointin (" Enter the roll numbers"); soll number - in next Int(); Systems no outo pointin (" Enter Student nome"); name = in next(); system. out. pointln (" Entes Student marks"); masks = in next Float (); System out opointln (" --- Student detoils -- "); system = out = psintln (" student roll numbe: "+ ro 11); System. out. pointln (" Student Nome: "+name) System . out - println ("Student Narks: "+ morks) }

```
student.java:15: error: cannot find symbol
                marks=in.nextFloat;
 symbol:
            variable nextFloat
 location: variable in of type Scanner
1 error
C:\Users\Admin\Desktop\notes\JAVA\upgrade>javac stu
student.java:15: error: cannot find symbol
                marks=in.nextFloat;
            variable nextFloat
 symbol:
 location: variable in of type Scanner
1 error
C:\Users\Admin\Desktop\notes\JAVA\upgrade>javac st
C:\Users\Admin\Desktop\notes\JAVA\upgrade>java stud
Enter Student rollnumber:
Enter Student Name:
raghu
Enter Student marks:
12.5
      --Students details--
Student roll number:1
Student Name is:raghu
Student marks is:12.5
```

```
student - Notepad
C:\Users\Admin\Desktop\notes\JAVA\upgrade>javac stl File Edit Format View Help
                                                                                              import java.util.Scanner;
                                                                                              class student
                                                                                                      public static void main(String[] args)
                                                                                                             int roll:
                                                                                                             String name;
                                                                                                             float marks;
                                                                                                             Scanner in=new Scanner(System.in);
                                                                                                              System.out.println("Enter Student rollnumber:");
                                                                                                                                       roll = in.nextInt();
                                                                                                               System.out.println("Enter Student marks:");
                                                                                                              marks=in.nextFloat();
                                                                                                         System.out.println("-----");
                                                                                                         System.out.println("Student roll number:"+roll);
System.out.println("Student Name is:"+name);
System.out.println("Student marks is:"+marks);
```