Q.1) Mention the difference between interpreter and compiler.

Compiler	Interpreter
① Program need not be compiled every time.	① Every time higher level program is converted into lower level program.
② compiler takes Entire program as input.	② Interpreter takes single instruction as input.
③ It require more memory.	③ less memory is required.
④ Intermediate object code is generated.	④ No intermediate object code is generated.
⑤ ex : c compiler	⑤ ex : BASIC

Q.2) Define a class student with fll^n members:
int roll, string name, float marks.
input () to take input details.
display() to all details of student.
WAP to which will store details of student & print details using above class.

```
class Student
{
int roll ;
string name ;
float marks ;
Scanner in = new Scanner (System.in);
void input ()
{
System. out. println (" Enter Roll_no. = ");
roll = in. nextInt () ;
System. out. println (" Enter Nam = ");
name = in. nextline ();
System. out. println (" Enter marks = ");
marks = in. nextFloat ();
}
void display ()
{
System. out. println (" Name of student ="+ name);
System. out. println (" Roll number is ="+ roll);
System. out. println (" Mark's of student ="+ marks);
}
}
```

```java
class      StudentDetails
{
public   static  void  main ( String  args[] )
{
    Student    s  =  new  student ();
     s. input () ;
     s. display () ;
}
}
```