**ASSIGNMENT DAY 1:**

**1.** Mention the difference between interpreter and compiler.

Ans) The difference between interpreter and compiler:

**Interpreter :** An interpreter is a program that translates a programming language into a

comprehensible language.

It translates only one statement of the program at a time.

**Compiler :** It is a translator which takes input i.e., High-Level Language, and produces an

output of low-level language i.e. machine or assembly language.

A compiler is more intelligent than an assembler it checks all kinds of limits, ranges, errors, etc.

But its program run time is more and occupies a larger part of memory. It has slow speed

because a compiler goes through the entire program and then translates the entire progra

into machine codes.

**2.** Define a class Student with following members:

int roll, String name, float marks.

input() to take input of the details

display() to all details of a student.

Write a program to which will store details of a student and print the details using the above