Date:- 25/6/20.

Course:- C++

Topic:- Inheritance

Name:- Harshitha T

USN:- 4AL17EC606

sem & sec:- 6th B

The word polymorphism means having many forms. Typically polymorphism occurs where there is a hierarchy of classes and they are related by inheritance.

* These are 5 inheritance

    1) Single   2) Multi level   3) Multiple

    4) Hybrid   5) Hierarchical.

* polymorphism is that in which we can perform task in multiple forms & ways.

* They are 2 types

    1) Compile- time polymorphism

    2) Run-time polymorphism

Course :- C++

Topic :- Templates

* Templates are the foundation of generic programming
which involves writing codes in a way that is dependent
of any particular type.

* C++ provides the following classes to perform o/p &
i/p of characters to / from files

1) of stream :- Stream class to write on files

2) if stream :- Stream class to read files

3) f Stream : - Stream class to both read & write from / to
files.

* An Exception is a problem that arises during the
execution of a program.

* Exception provides a way to transfer control from one
part of a program to another

i) throw   ii) catch   iii) try.

* try or catch is placed around the code that
might generate an exception.