## Polymorphism:

Polymorphism is that in which we can perform a task in multiple forms or ways. It is capplied to the functions or methods. Polymorphisms allows object to decide which form of function to implement out nompile-time as well as run-time.

## Example:

#include Liestream.h> using namespace std; class A & int a,b,c; Public #1 void add (int ninty) Cout & E'add of a+b is: " CE (a+b) cc end; coid add (int ninty, int z) cout c'add of x+y+zis: "cc (a+b+c) 24 ends; virtual word print() " cout cc" class A's meterod is running "ccendl; class R', public AT public ( void print () cout cc" Class's method is running "ccendl; 33: int main() of a ai a , add (6,5); be print (); 4

Inheritance;

Inheritance is one in which a new class is created that inherits properties of already exist class. It supports concept of code viewability of reduces dength of code in object oriented programming.

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1. Single inheritance 2. Multi-devel inheritance 3. Multiple inheritance 4. Hybrid inheritance 5. Hi crarchial unheritance.

Example program (cpp)

# include ciostream. h> using namespace ( Std; Class Af int ag, b public: & Word add (int x, inty) 0=71/ b=4; contec (a+b) ce endl; 23; Class B', public A { public: void growd (int n pinty) ( add (n,4); 335 int maine ( B bi) b, print (5,6);