

Function

Q1- What is friend function?

Ans1-Friend function- A Function can be accessed outside the class. Where you used Friend keyword to declare this function. In friend function you can access private or protected variable of class.

More than one class may be under friend function.

Class a;

{

Member variable declaration;

Public:

Int add() Member function declaration;

.....

};

Class b;

{

Member variable declaration;

Public:

Friend int a:: add();

.....

};

Q2-What do you understand by Virtual function?

Ans2- Virtual function- Virtual function is member function which is declared with base class and override by derived class. We used virtual keyword to declared this function. Virtual function specified right function is being for object. Prototype of base class and derived class should be same.

Q3-What do you understand by function overloading?

Ans3- Function overloading- A friend function is type of function where Multiple function can be declared with the same name but with different parameter.

Ex-

int subtract (int x, int y)

float subtract (float x, float y)

Q4-What do you understand by inline function?

Ans4-Inline function-It is useful for the embedded system.Compiler placed function code instead of function call, which increased the program execution. We use inline keyword to create inline function.It decreased function call overhead.