Program:

Class Box

{

int capacity;

public:

Box(int cap){

capacity = cap;

}

friend void show();

};

void Box::show()//Error //void show()//correct

{

///code

}

Though it is used to declare the friend functions inside classes they are not members of any class therefore when we giving the definition to friend function show() we should not use **Box::show()** way of defining it.

Program:

lass Box

{

int capacity;

public:

void print();

friend void show();

bool compare();

friend bool lost();

};

A friend functions are not members of any class. Hence this class has only 2 member functions.so above class has only 2 memeber