



Take Test: Final Examination Part A (30%): Multiple Choice Questions

Test Information

Description

Instructions

Multiple Attempts Not allowed. This test can only be taken once.

Force Completion This test can be saved and resumed later.

Your answers are saved automatically.

⚠ Moving to another question will save this response.

⏪ ⏩ Question 9 of 30 ⏪ ⏩

Question 9

1 points

Saved

Given the following class definition,

```
class A {  
private:  
    int x;  
public:  
    A() {x = 0;}  
    friend void show();  
};
```

```
class B: public A {  
public:  
    B() : y(0) {}  
private:  
    int y;  
};
```

what is the problem of the following definition of show() function?

```
void show() {  
    A a;  
    B b;  
    cout << "The default value of A::x = " << a.x << " ";  
    cout << "The default value of B::y = " << b.y;  
}
```

- ☒ "b.y" is incorrect because y is a private member of class B.
- ☐ show() is not a member function of Class A.
- ☐ "a.x" is incorrect because x is a private member of class A.
- ☐ "B b;" is incorrect because class B has not initialise variable x of class A.

 Moving to another question will save this response.

  Question **9** of **30**  

⌵ [Question Completion Status:](#)