

Moodle

→ X C | i | A

 NetExamination  
Sri Lanka Institute of Information Technology

Question 1  
yet answered  
Marked out of 0  
Flag question

The data stored in a class can NOT be called:

Select one:

- a. Properties
- b. Attributes
- c. Data Members
- d. Functions

Handwritten notes:  
memb or function  
function  
method  
behavior

Correct method to declare an object of a **Student** class

Select one:

- a. Student st1;
- b. student s1;
- c. Class Student st1;
- d. All of the above

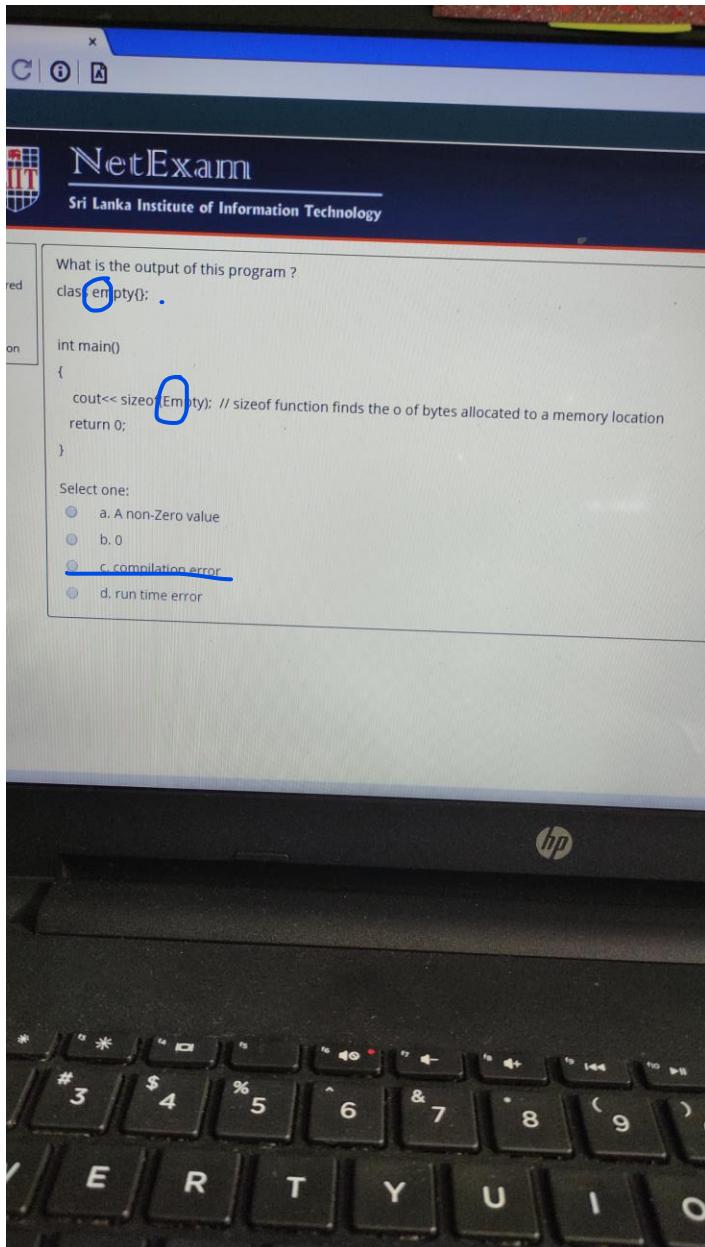
A \_\_\_\_\_ member function can only be called by another function that is a member of the same class.

Select one:

- a. public
- b. private
- c. static
- d. method

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31	32
33	34
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```
void display()
{
    cout<< x-- <<"";
}
};

int main()
{
    test obj1;
    obj1.setX(10);
    obj1.display();
    obj1.display();
    return 0;
}
```

Select one:

- a. 10 10
- b. 11 10
- c. 11 11
- d. 10 11

FreeSync



For the attributes to be hidden from outside world, it has to be declared

Select one:

- a. private
- b. protected
- c. public
- d. external

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Question 5

Not yet answered

Marked out of 1.00

Flag question

Choose the correct statement about the client program (main method) in C++.

Select one:

- a. Once C++ file can contain only one main method
- b. Main method must have the return type "int"
- c. It can contain statements calling for methods in the class in a logical order to get the required output.
- d. All of the above

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Question 1  
Not yet answered  
Marked out of 1.00  
Flag question

When an object of a class is created, separate memory is allocated for

Select one:

- a. Member functions only
- b. Member variables only
- c. Both member functions and member variables
- d. Neither member functions nor member variables

Class

{

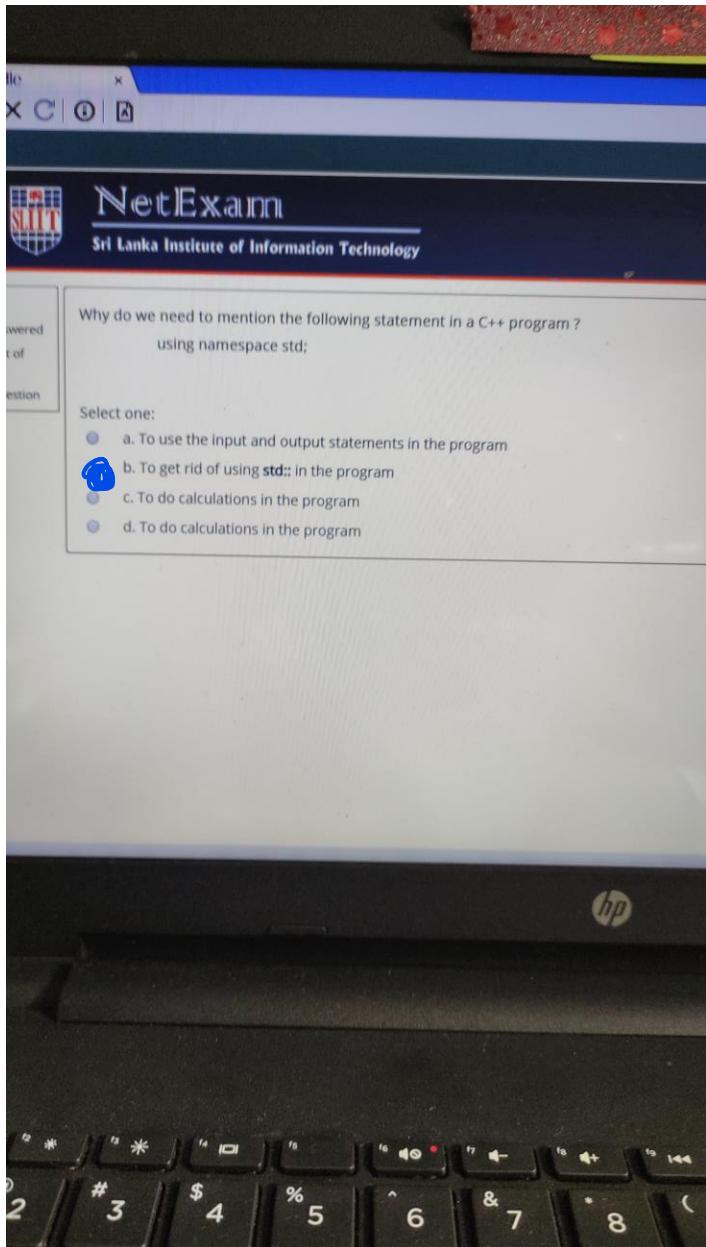
Private:

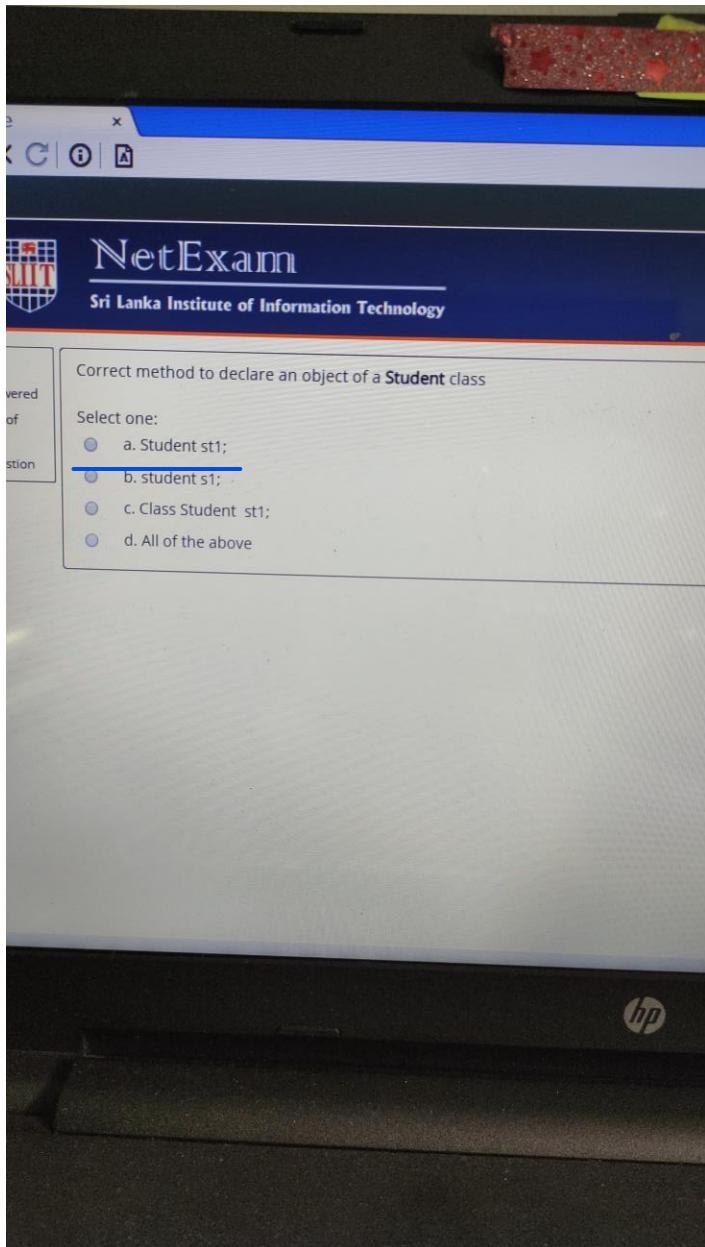
member variable

Public:

}

Separate value different object has member function.





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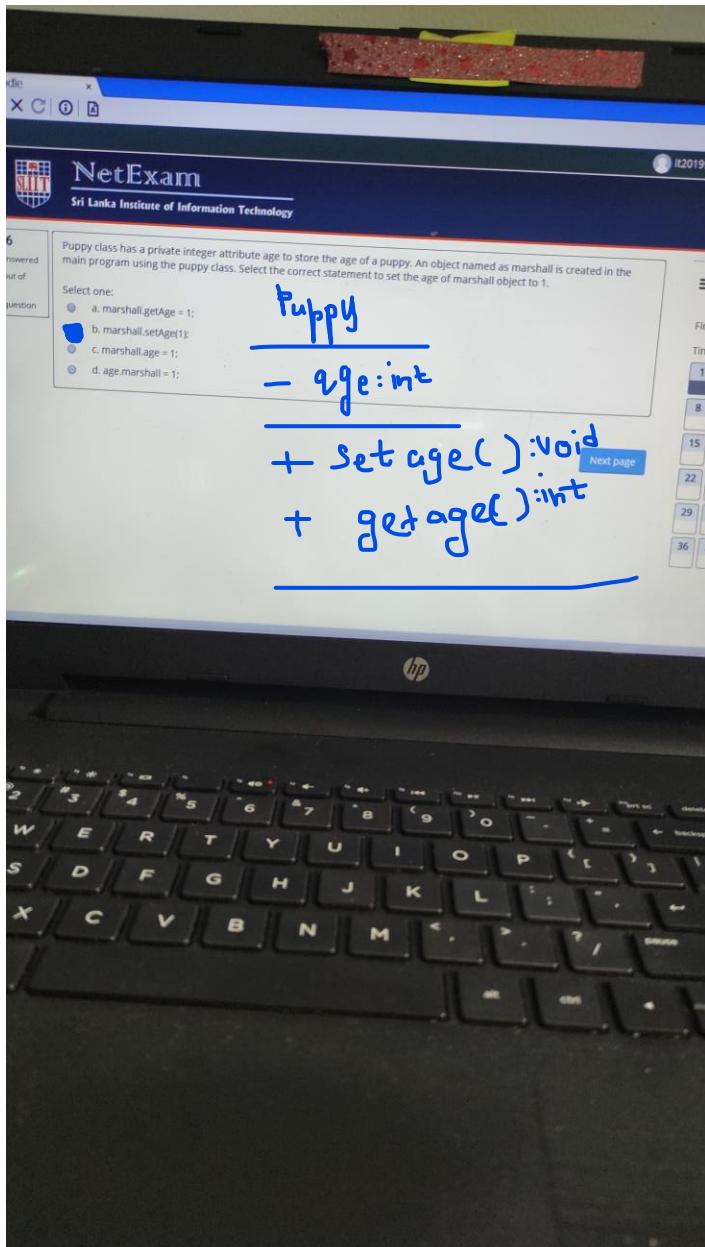
A \_\_\_\_\_ member function can only be called by another function that is a member of the same class.

Select one:

- a. public
- b. private
- c. static
- d. method

acer

The image shows a laptop screen with a blue taskbar at the top. The main window is titled "NetExam" and "Sri Lanka Institute of Information Technology". The question asks about a member function that can only be called by another function in the same class. The options are: a. public, b. private, c. static, and d. method. Option b. private is selected. The laptop is an Acer model, and the keyboard is visible at the bottom.



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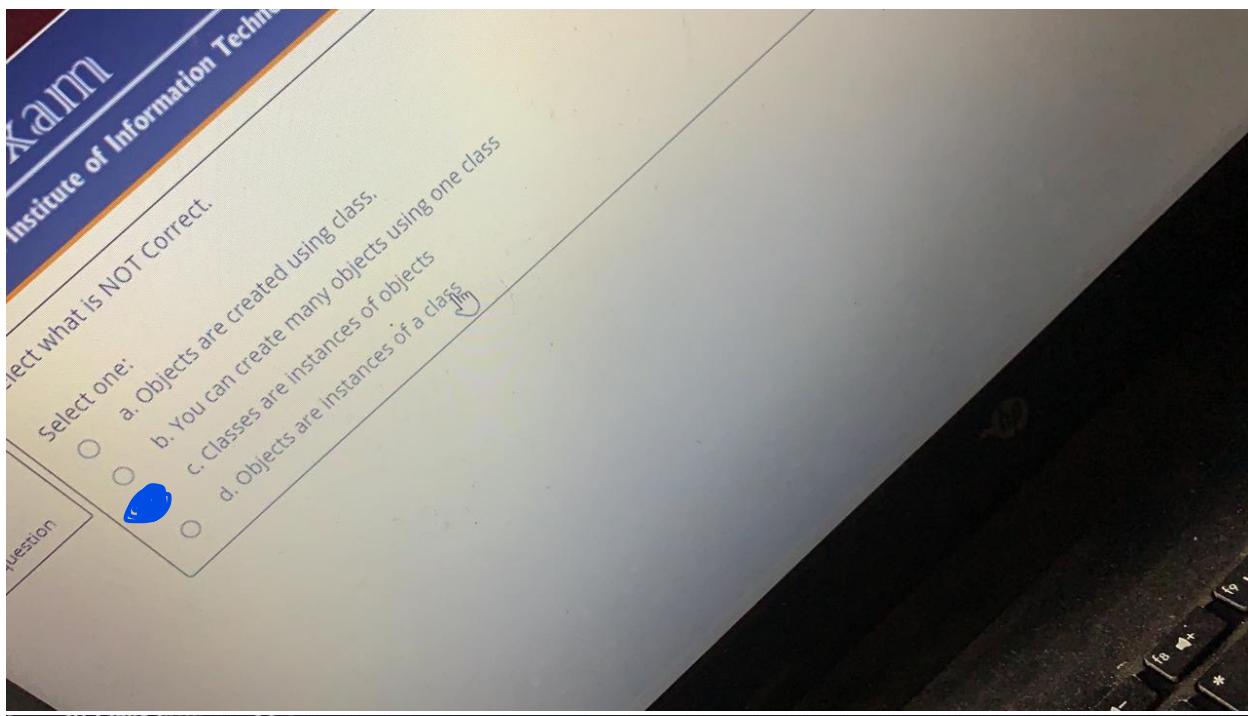
Public methods which are accessible outside the class are called

Select one:

- a. interconnections
- b. interactions
- c. internal
- d. interfaces

◀ ▶

2 # % 5 6 7 8 9



Sri Sankha Institute of Information Technology

An object is created at \_\_\_\_\_ time. (Select the correct word to fill the blank)

Select one:

- a. compile
- b. run
- c. assembling
- d. linking

[Next page](#)

Finish

Time

1

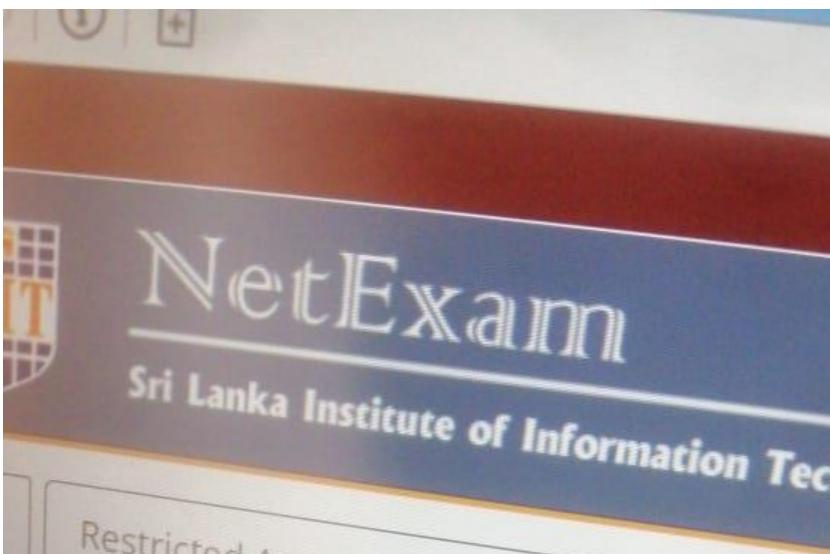
8

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22

29

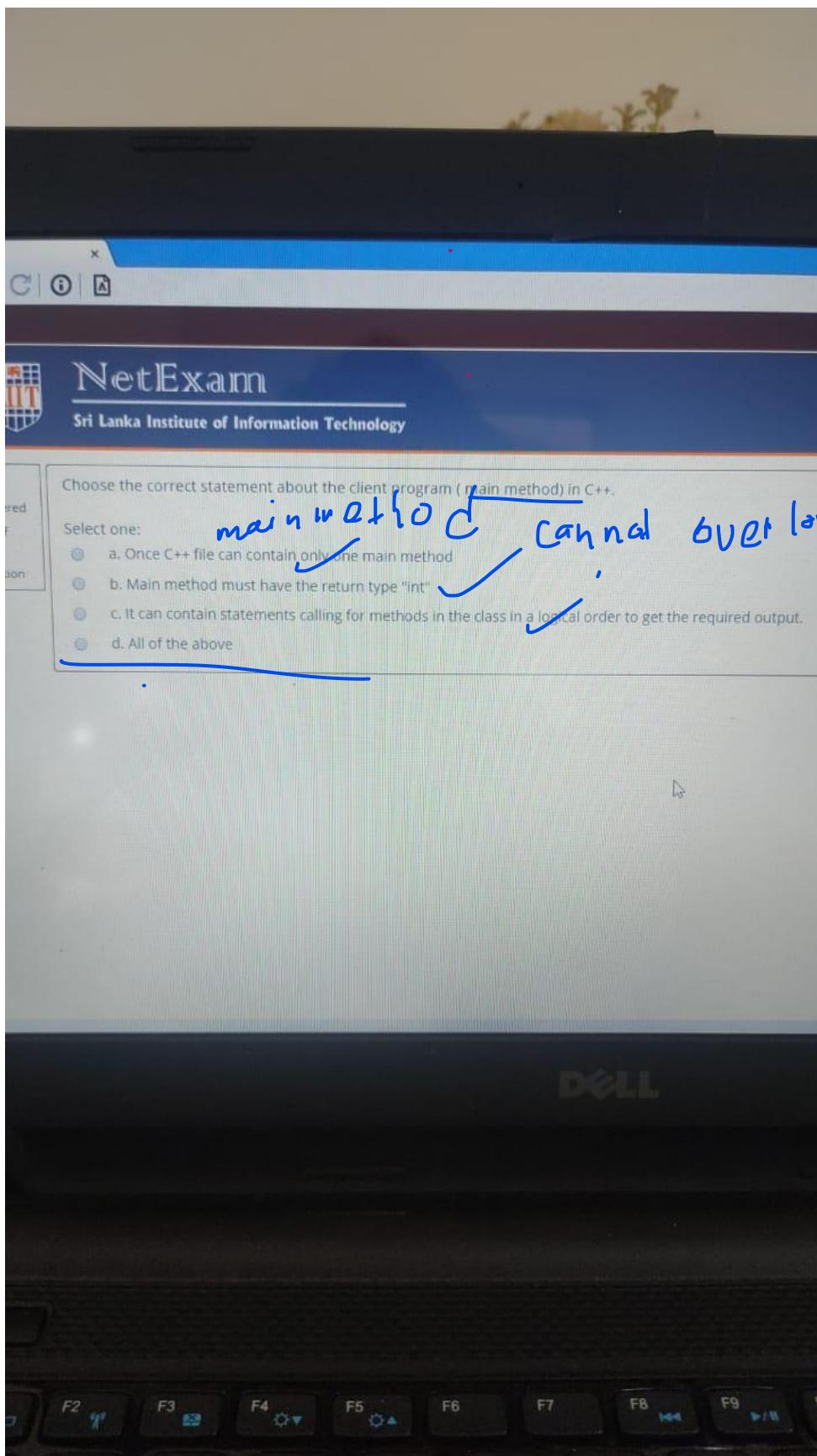
36

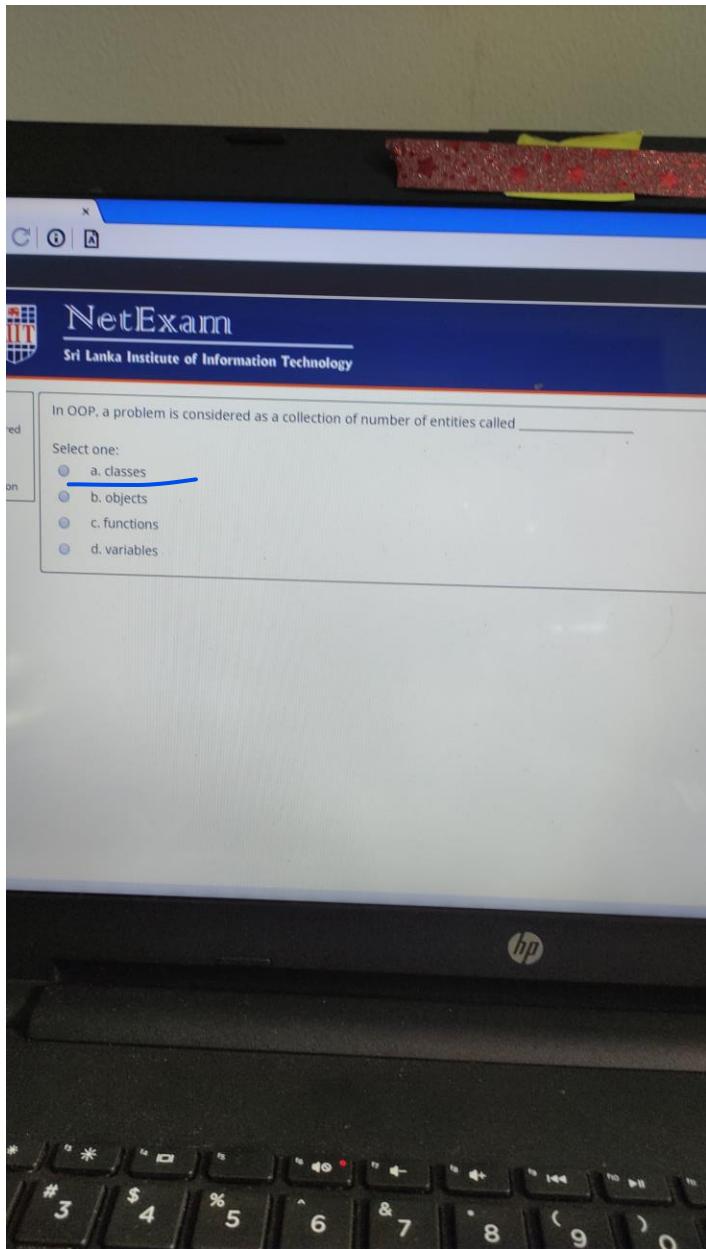


Restricted Access is denoted by

Select one:

- a. public
- b. protected
- c. private
- d. None of the above





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What is the output of this program ?

```
class empty();
{
    cout<< sizeof(empty); // sizeof function finds the o of bytes allocated to a memory location
    return 0;
}
```

Select one:

- a. A non-Zero value
- b. 0
- c. compilation error
- d. run time error

acer

A S P I R E

An object is created at \_\_\_\_\_ time. (Select the correct word to fill the blank)

Select one:

- a. compile
- b. run
- c. assembling
- d. linking

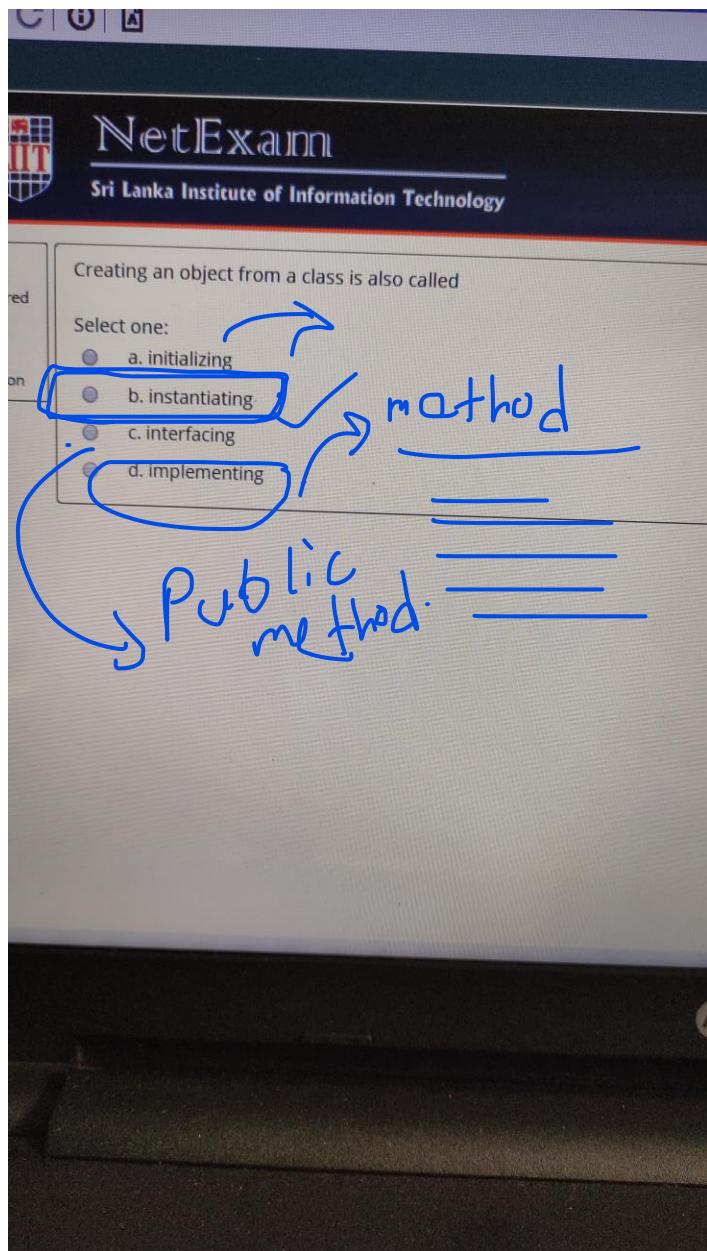
Next p.

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What is NOT a correct selection statement in C++ ?

Select one:

- a. if
- b. if.. then.. else..
- c. if .. else ..
- d. switch



yet answered  
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1.00

Flag question

Select what is NOT correct.

Select one:

- a. Objects are created using class.
- b. You can create many objects using one class
- c. Classes are instances of objects
- d. Objects are instances of a class



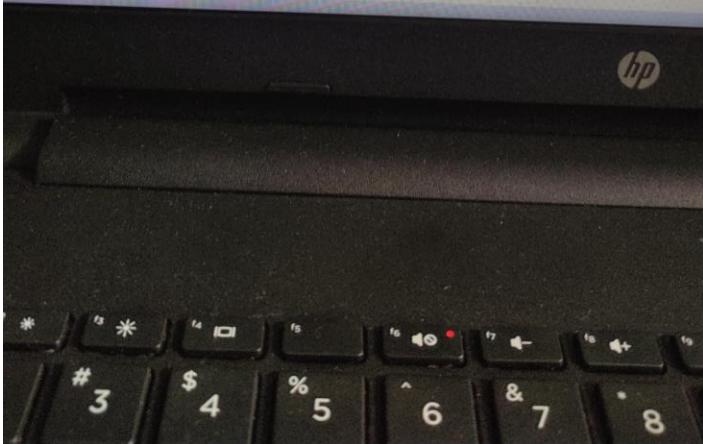
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Which is the most appropriate comment on the following code ?

```
class Student
{
    int a;
public :
    float a;
}
```

Select one:

- a. Error: Same variable name can't be used twice.
- b. Error: Public must come first.
- c. Error: data types are different for same variables
- d. No error.



Section 8  
Not yet answered  
Marked out of  
0.00  
[Flag question](#)

Which is the most appropriate comment on the following code ?

class Student

```
{  
    int a;  
    public :  
        float a;  
}
```

Select one:

- a. Error: Same variable name can't be used twice.
- b. Error: Public must come first
- c. Error: data types are different for same variables
- d. No error

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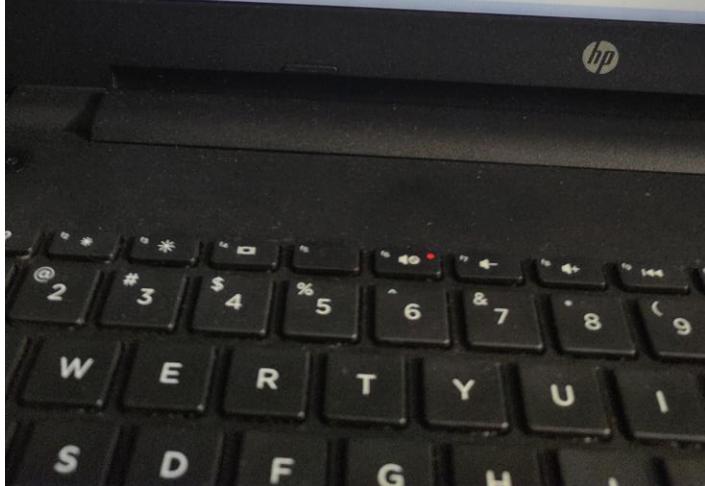
Question 11  
Not yet answered  
Marked out of 10  
Flag question

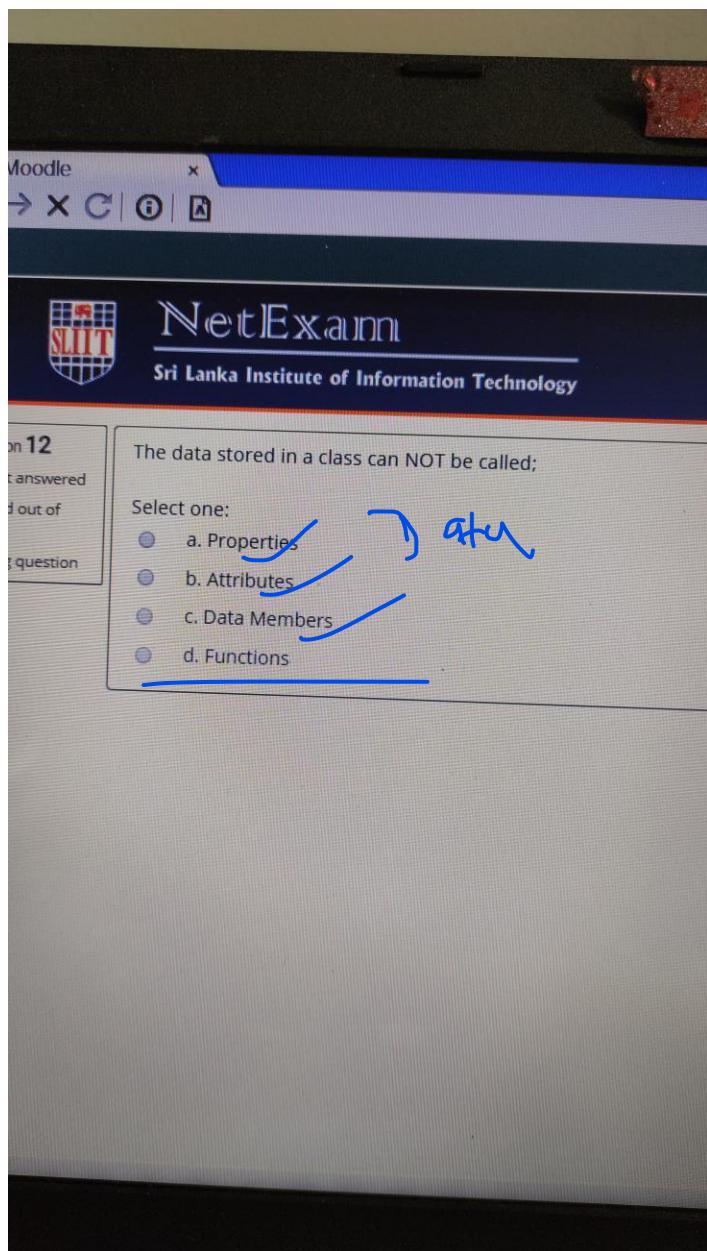
State whether the following statements are True or false.

A - It is easy to partition the work in a project based on objects  
B - Software complexity can be easily managed

Select one:

- a. A- True , B - False
- b. A- False , B - True
- c. A- True , B - true
- d. A- False , B - False





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Question 12  
Not yet answered  
Marked out of 1.00  
Flag question

What is the output of this program ?

```
class Test
{
    int x;
};

int main()
{
    Test t;
    cout<<t.x;
    return 0;
}
```

Select one:

- a. 0
- b. Garbage Value
- c. Compilation error
- d. Run time error



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Question 13

Not yet answered

Marked out of  
0.00

Flag question

What is the output of this program ?

class Test

{

    int x;

}

int main()

{

    Test t;

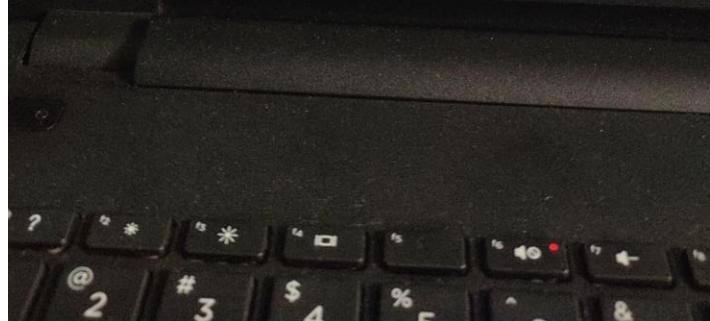
    cout<< t.x;

    return 0;

}

Select one:

- a. 0
- b. Garbage Value
- c. Compilation error
- d. Run time error



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Question 4  
Not yet answered  
Marked out of 1.00  
Flag question

Which of the following is a shared structure of similar objects ?

Select one:

- a. Encapsulation
- b. A class
- c. Interface
- d. Property

DELL

Esc F1 F2 F3 F4 F5 F6 F7 F8

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State whether the following statements are True or false.

- A - It is easy to partition the work in a project based on objects  
B - Software complexity can be easily managed

Select one:

- a. A- True , B - False
- b. A- False , B - True
- c. A- True , B - True
- d. A- False , B - False

DELL



12

answered  
out of  
question

Which of the following statements about member functions are True or False ?

- i) A member function can access the private data of a class.
- ii) A member function can call another member function directly by using the dot operator.

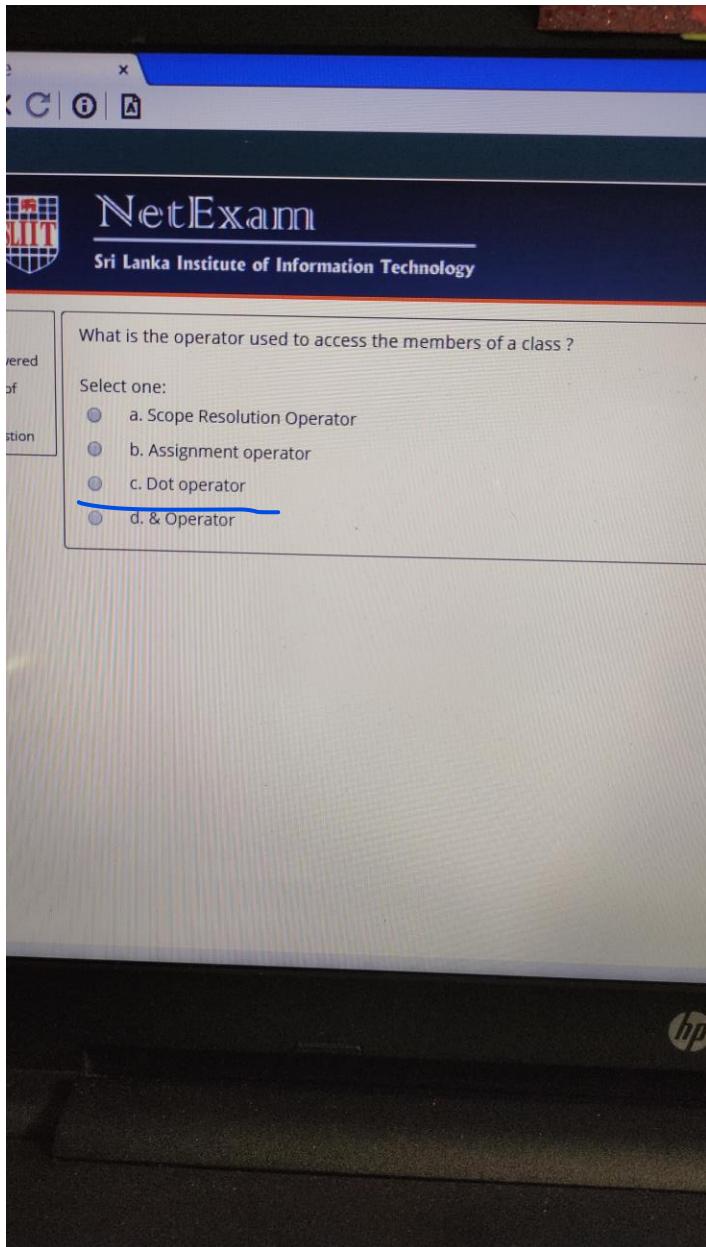
Select one:

- a. i) True ii) True
- b. i) False ii) True
- c. i) True ii) False
- d. i) False ii) False

The OOP concept in C++, exposing only necessary information to users is known as

Select one:

- a. Data hiding
- b. Encapsulation
- c. Hiding Complexity
- d. Abstraction



**Question 9**

Not yet answered

Marked out of  
1.00

Flag question

What is the output of this program ?

```
class empty{
```

```
int main()
```

```
{
```

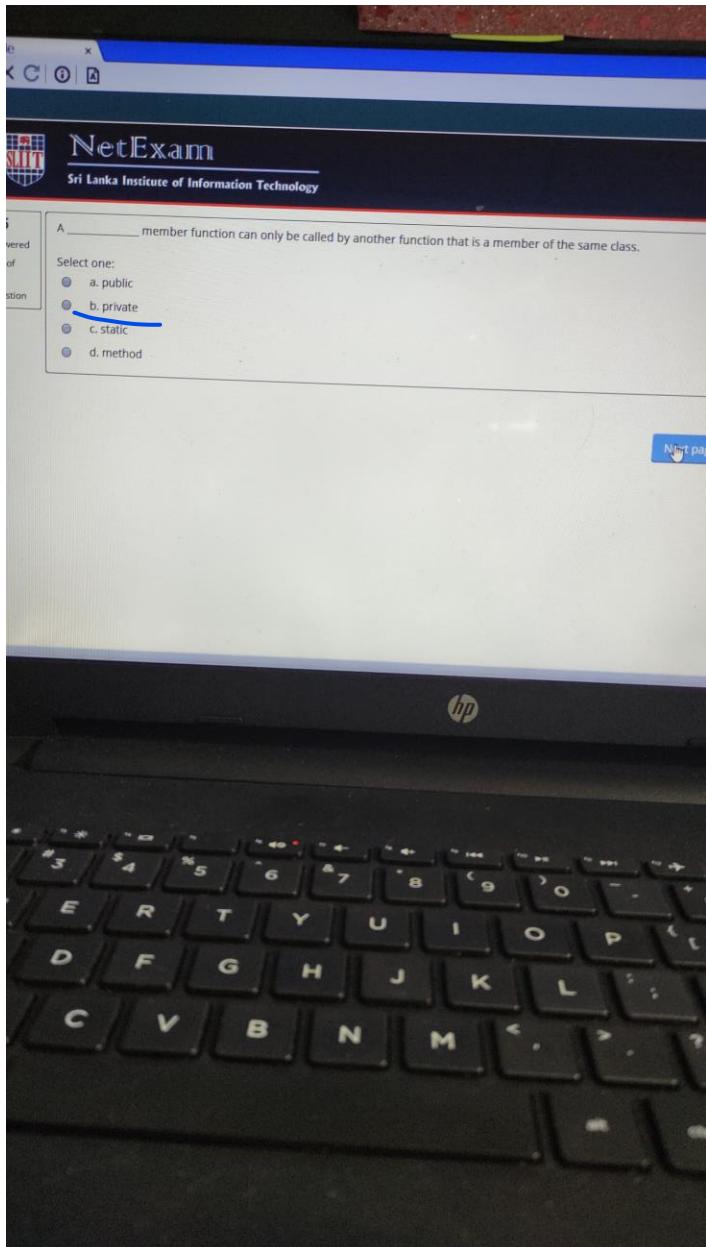
```
    cout<< sizeof(empty); // sizeof function finds the o of bytes allocated to a memory location
```

```
    return 0;
```

```
}
```

Select one:

- a. A non-Zero value
- b. 0
- c. compilation error
- d. run time error



The screenshot shows a question from the NetExam application. The header includes the SLIIT logo, the text "NetExam", and "Sri Lanka Institute of Information Technology".

**Question 15**  
Not yet answered  
Marked out of 1.00  
Flag question

When an object of a class is created, separate memory is allocated for

Select one:

- a. Member functions only
- b. Member variables only
- c. Both member functions and member variables
- d. Neither member functions nor member variables

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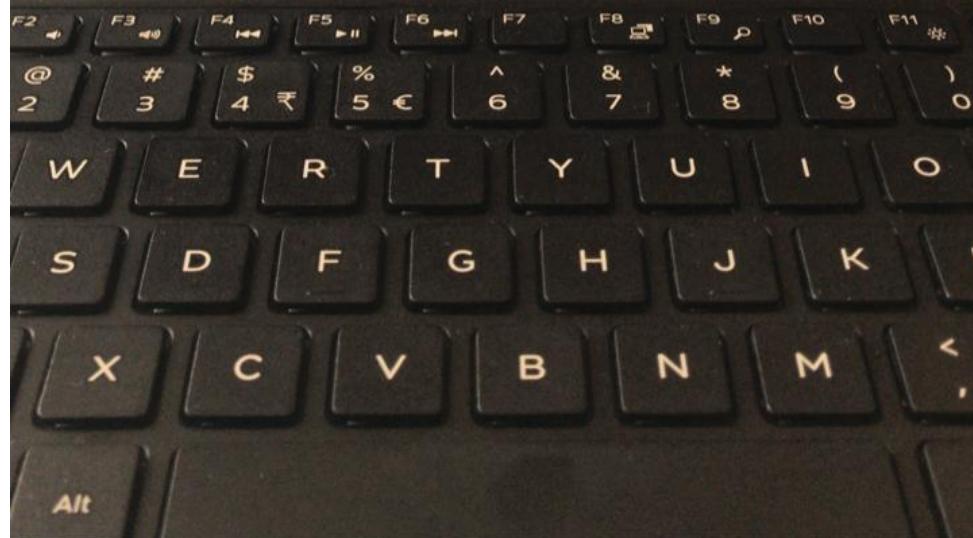


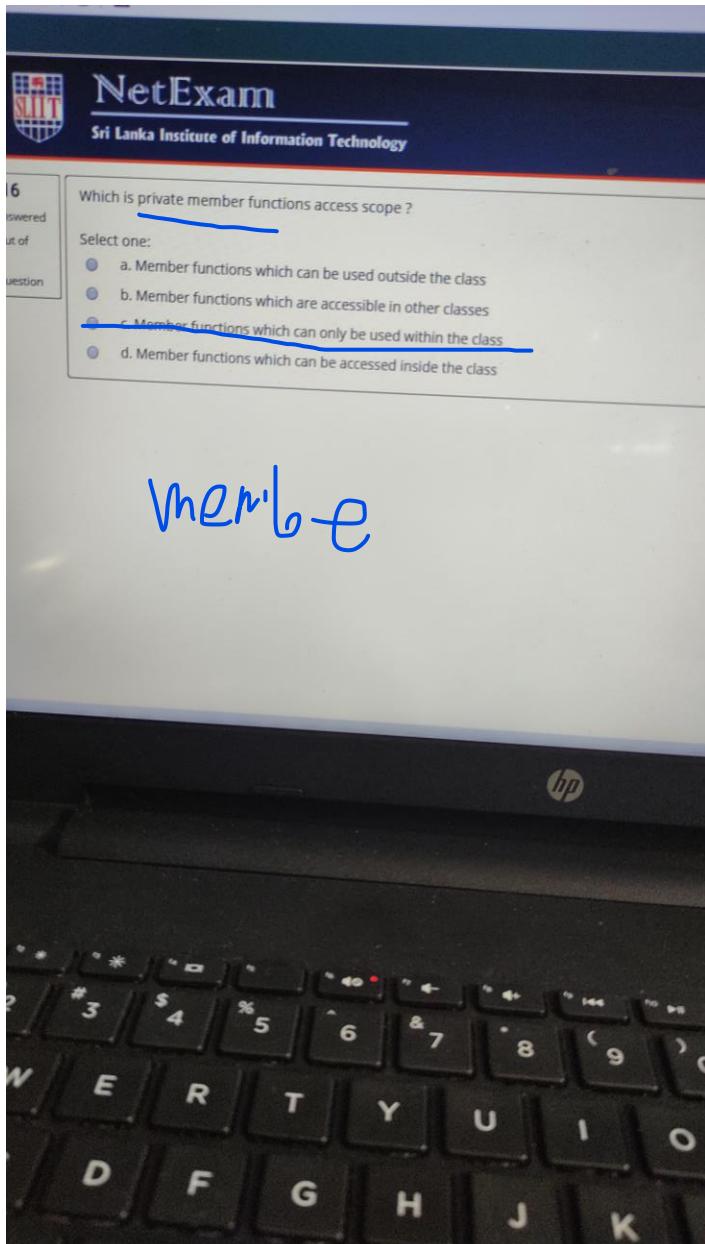
Choose the correct statement about the client program ( main method) in C++.

Select one:

- a. Once C++ file can contain only one main method
- b. Main method must have the return type "int"
- c. It can contain statements calling for methods in the class in a logical order to get the required output.
- d. All of the above

DELL





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State whether the following statements are True or false.

A - It is easy to partition the work in a project based on objects  
B - Software complexity can be easily managed

Select one:

- a. A-True , B-False
- b. A-False , B-True
- c. A-True , B-True
- d. A-False , B-False

Not answered  
Marked out of  
0.00  
Flag question

What is TRUE about the following program ?

class ABC

{

public:

    int i;

    void get();

};



void ABC::get()

{

    cout<<"Enter the value of i : ";

    cin >> i;

}

int main()

{

    ABC a;

    a.get();

    a.i= 10;

    return 0;

}

Select one:

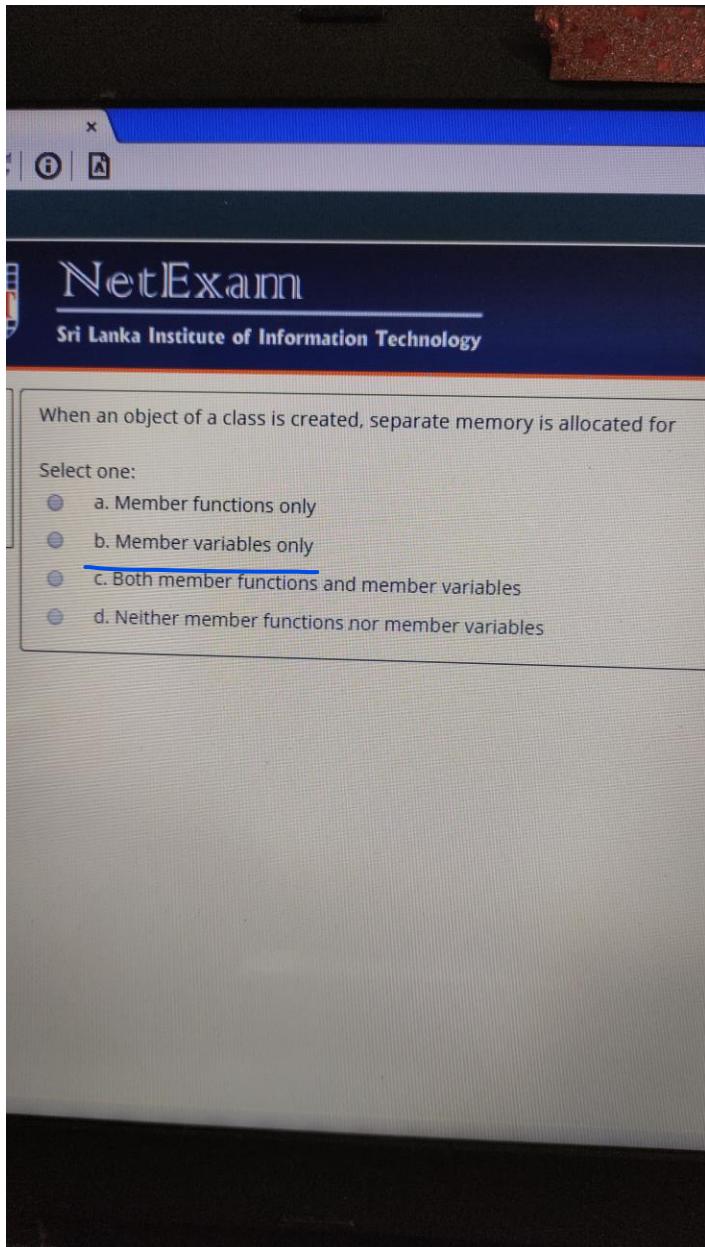
- a. Compiles and runs.
- b. Compilation error

Diagram illustrating the state of memory after execution:

- The variable `i` is shown with a value of 10, indicated by a blue arrow pointing to it.
- The variable `a` is shown with a value of 10, indicated by a blue arrow pointing to it.
- The variable `cout` is shown with a value of 10, indicated by a blue arrow pointing to it.
- The variable `cin` is shown with a value of 10, indicated by a blue arrow pointing to it.
- The variable `main` is shown with a value of 10, indicated by a blue arrow pointing to it.
- The variable `ABC` is shown with a value of 10, indicated by a blue arrow pointing to it.
- The variable `ABC::get` is shown with a value of 10, indicated by a blue arrow pointing to it.
- The variable `ABC::i` is shown with a value of 10, indicated by a blue arrow pointing to it.

Annotations:

- A large blue arrow points from the question text "What is TRUE about the following program ?" towards the variable `i`.
- The word "error" is written in blue above the variable `cout`.
- The word "error" is written in blue above the variable `cin`.
- The word "error" is written in blue above the variable `main`.
- The word "error" is written in blue above the variable `ABC`.
- The word "error" is written in blue above the variable `ABC::get`.
- The word "error" is written in blue above the variable `ABC::i`.





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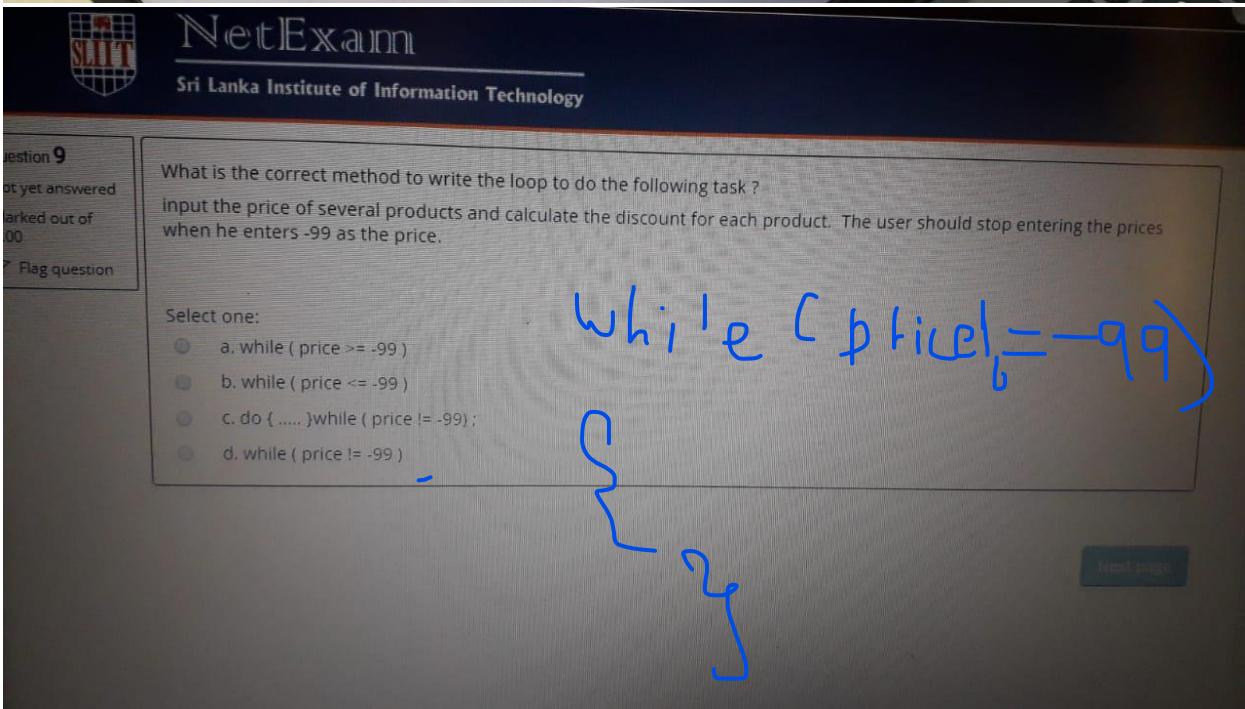
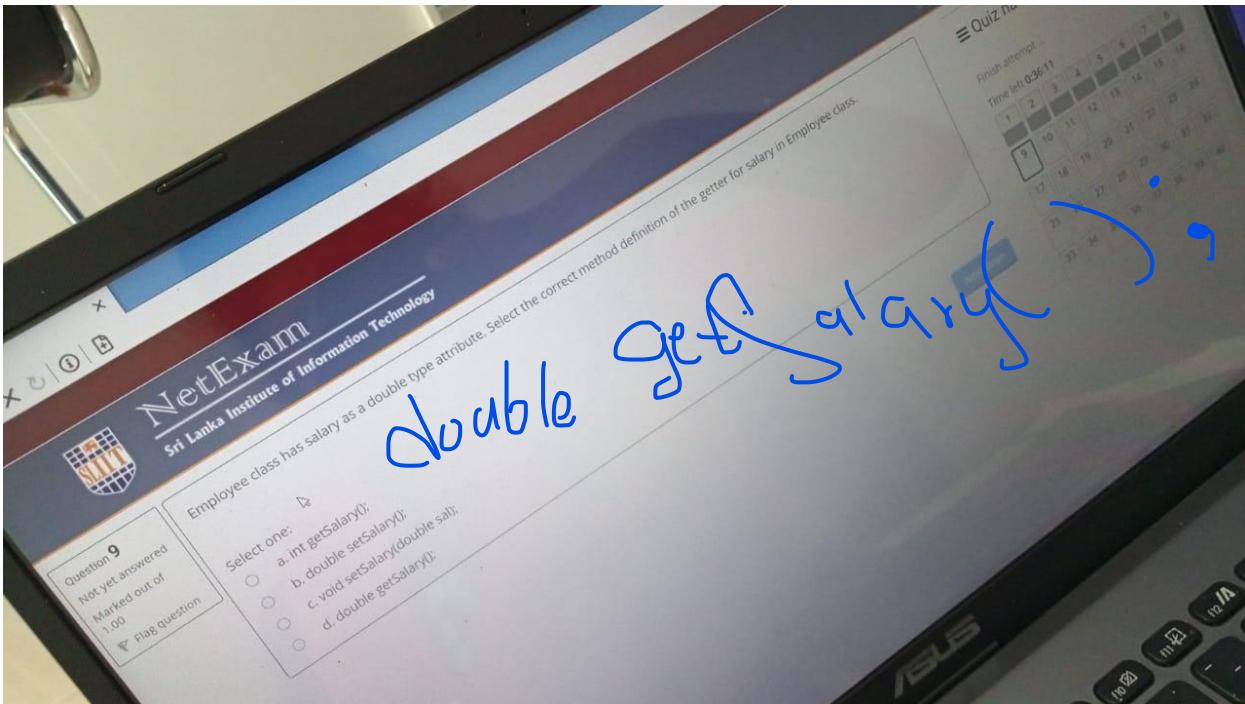
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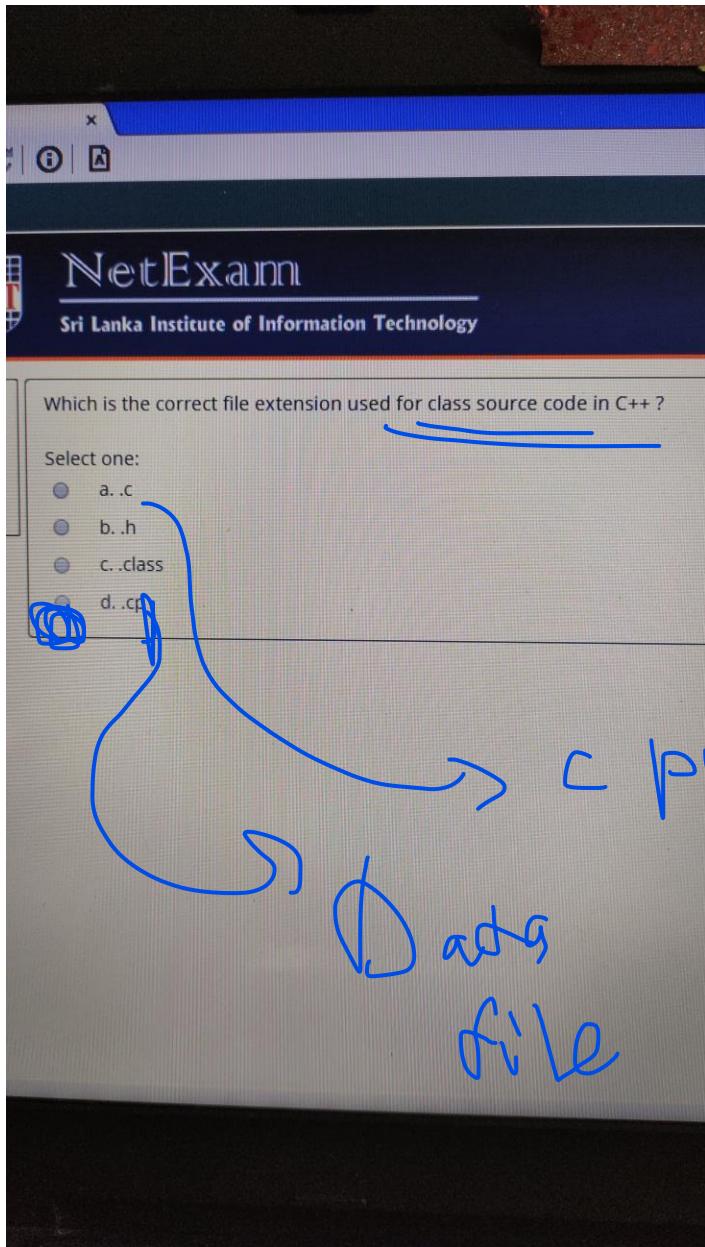
Powered  
it of  
Question

What is the operator used to access the members of a class ?

Select one:

- a. Scope Resolution Operator
- b. Assignment operator
- c. Dot operator
- d. & Operator





Source code

C++.

header file

.h

C program source

file

data  
file

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X C | i A

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13 answered out of 1 question

Select the correct statement of how classes and objects are generally implemented in C++.

Select one:

- a. Objects are created inside the header file with class definitions.
- b. The header file includes both class definition and method implementation.
- c. A .cpp file with the same name as the class name will have the method implementations of the class.
- d. Class definition and method implementation are usually inside the main program.

Only class definition can be outside

SINGER



on 9  
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g question

Employee class has salary as a double type attribute. Select the correct method definition of the getter for salary in Employee class.

Select one:

- a. int getSalary();
- b. double setSalary();
- c. void setSalary(double sal);
- d. double getSalary();

Next page

```
    x = ++px;
}

void display()
{
    cout<< x- <<"";
}
};

int main()
{
    test obj1;
    obj1.setX(10);
    obj1.display();
    obj1.display();
    return 0;
}
```

Select one:

- a. 10 10
- b. 11 10
- c. 11 11
- d. 10 11

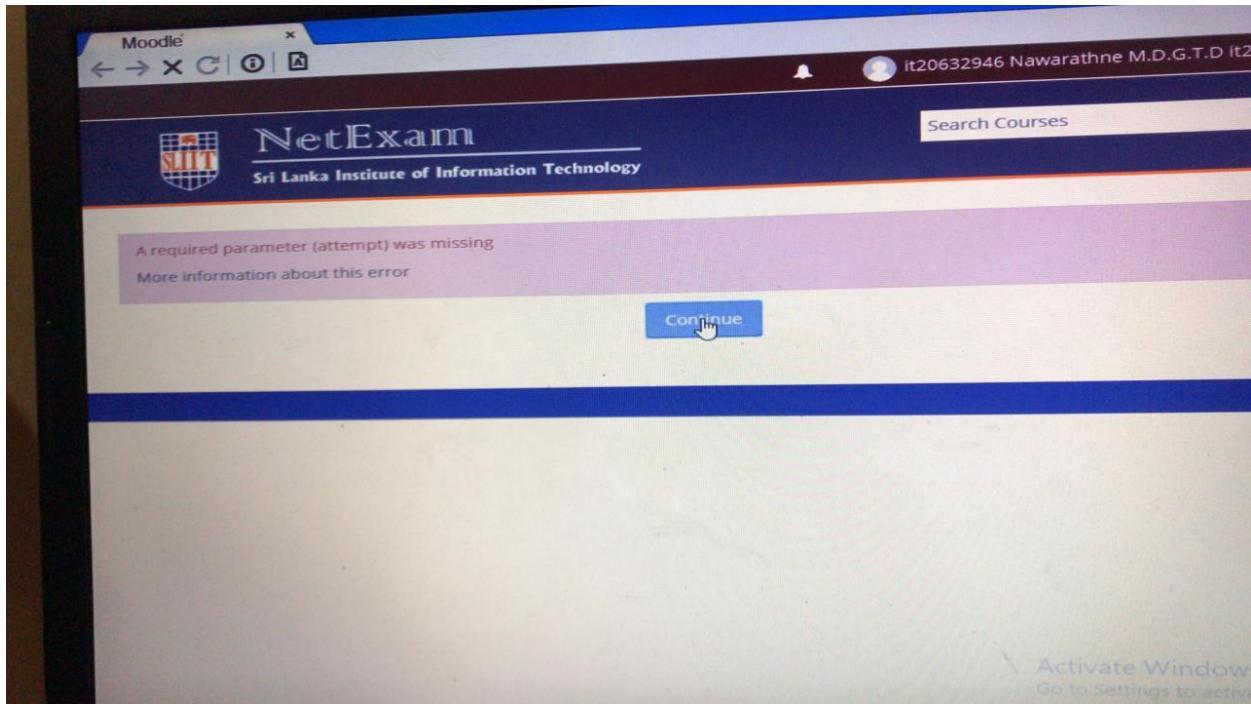


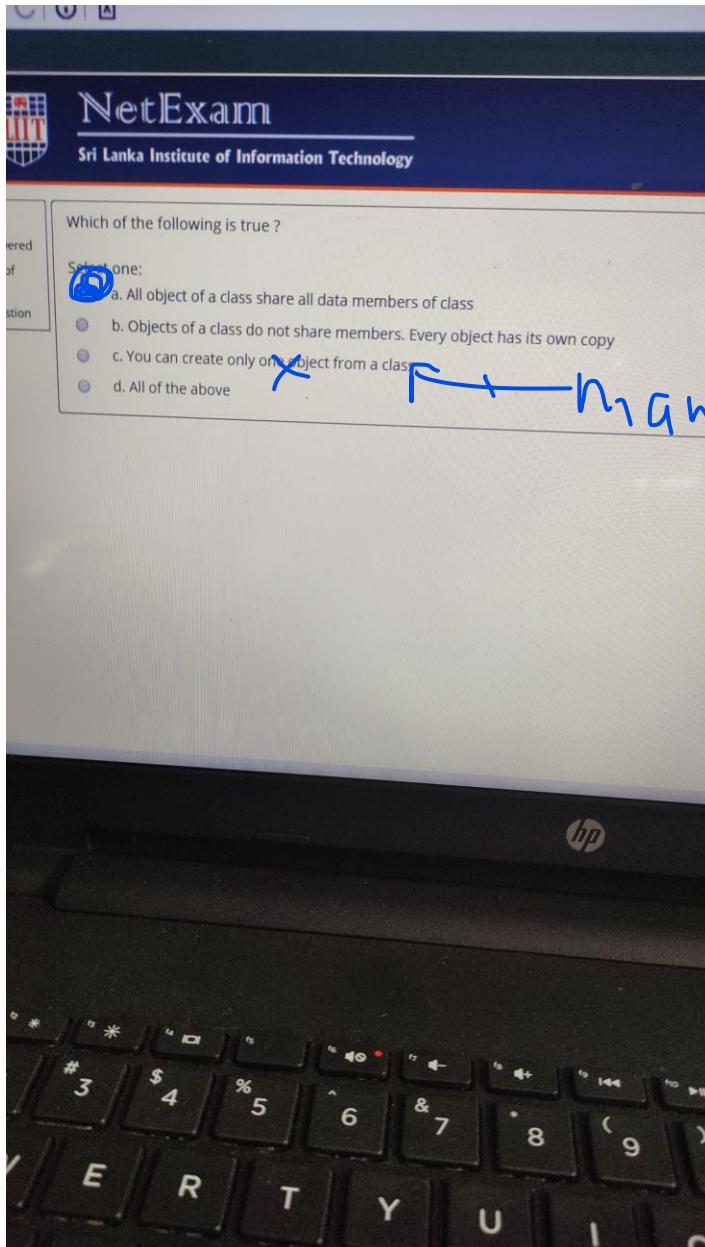
The data stored in a class can NOT be called:

Select one:

- a. Properties
- b. Attributes
- c. Data Members
- d. Functions







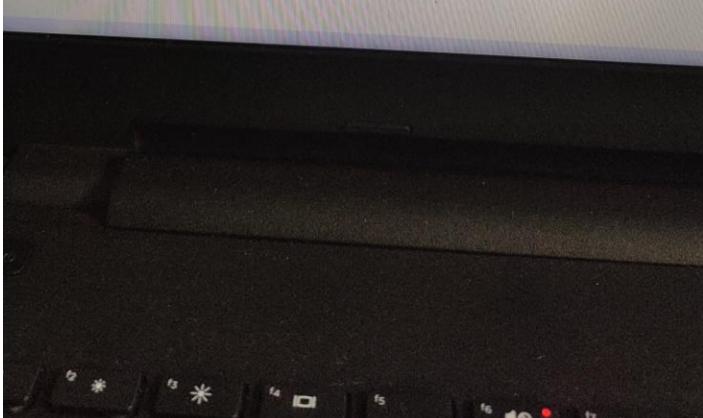
 **NetExam**  
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Question 20  
yet answered  
Marked out of 0  
Flag question

What is NOT a name for the activities performed by a class ?

Select one:

- a. Methods
- b. Properties
- c. Behaviours
- d. Member Functions



Moodle

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A class consists of

Select one:

- a. Variables and attributes
- b. Properties and Behaviours
- c. Behaviours and functions
- d. Only Properties

**Question 13**

Not yet answered

Marked out of  
1.00 Flag question

Puppy class has a private integer attribute age to store the age of a puppy. An object named as marshall is created in the main program using the puppy class. Select the correct statement to set the age of marshall object to 1.

Select one:

- a. marshall.getAge = 1;
- b. marshall.setAge(1);
- c. marshall.age = 1;
- d. age.marshall = 1;

[Next page](#)**Quiz navigation**

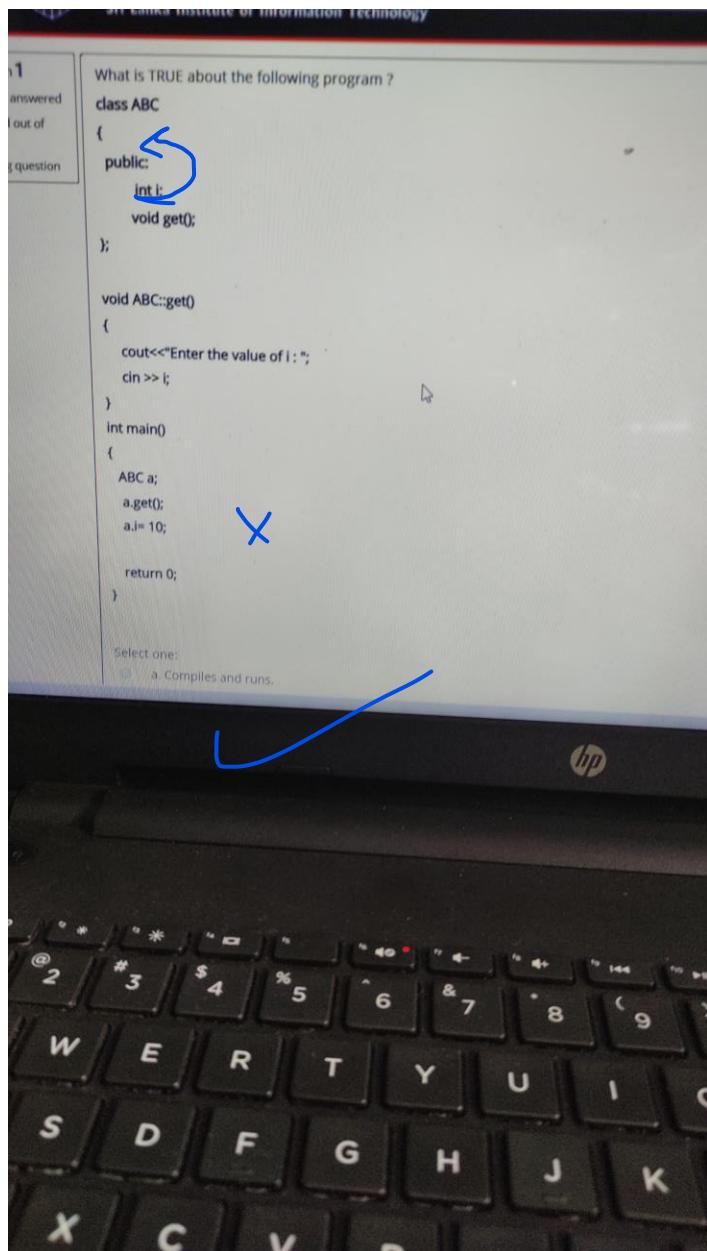
Finish attempt ...

Time left 0:26:06

1	2	3
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15	16	17
22	23	24
29	30	31
36	37	38

Activation

Go to Set



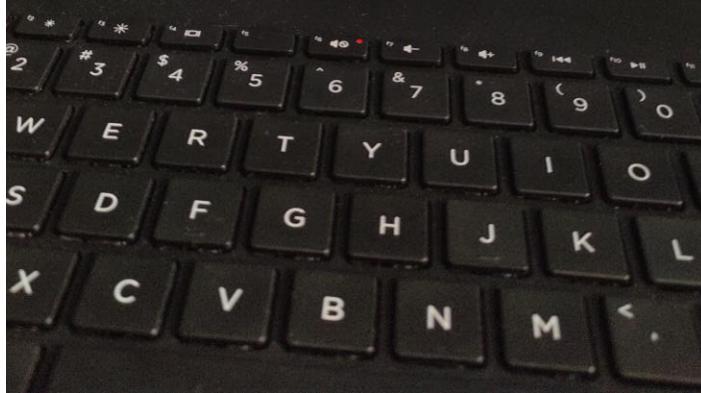
```
}
```

```
void ABC::get()
{
    cout<<"Enter the value of i : ";
    cin >> i;
}
int main()
{
    ABC a;
    a.get();
    a.i= 10;

    return 0;
}
```

Select one:

- a. Compiles and runs.
- b. Compilation error
- c. Compiles but run time error
- d. Compiles and runs but no output ( blank ).



Moodle

→ X C | i | A

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tion 2  
yet answered  
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lag question

Which of the following is a valid class declaration ?

Select one:

- a. class A { int x; };
- b. class B{}
- c. public class A{};
- d. class B{x};

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X C | ⓘ A

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1  
Answered  
out of  
Question

Which of the following data types a class belongs to ?

Select one:

a. array type  
 b. derived type  
 c. built-in type  
 d. user-defined type

