

Course: CPA - Programming Ess...

Edube Interactive :: Module 4 Tes

+

← → ↺

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍 ☆ ⚙️ GP ...

Module 4 Test

● Online

Progress (5%)

☰

Item 1/20

Time Left: 29:52

What is the output of the following snippet?

```
#include <iostream>

using namespace std;

enum T { A = 2, B = -1, C };

T operator+(T t, int i) {
    switch(t) {
        | case A: return T(0);
        | case B: return static_cast<T>(2);
        default: return (T)1;
    }
}

int main() {
    T i = A + 2;
    cout << i;
    return 0;
}
```

2

Compilation fails

Window Snip

1

0

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Essentials

Edube Interactive :: Module 4 Test

←

→

↺

🔒

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍

☆

🔖

🔗

GP

⋮

Module 4 Test

● Online

Progress (10%)

☰

Item 2/20

Time Left: 29:30

What is the output of the following snippet?

```
#include <iostream>
#include <string>
using namespace std;
class X {
public:
    string n;
    X(string s) : n(s) {}
    void operator() (X x) {
        cout << x.n;
    }
};
int main(void) {
    X x("a"), y("b");
    x(y);
    y(x);
    return 0;
}
```

☐ It prints an empty string

☒ ba

☐ ab

☐ Compilation fails

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). X

Course: CPA - Programming Essentials

Edube Interactive :: Module 4 Test

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

Module 4 Test

Online

Progress (15%)

Item 3/20

Time Left: 29:17

What is the output of the following snippet?

```
#include <iostream>
using namespace std;

enum T { A = 2, B = -1, C };

class Int {
public:
    T v;
    Int(T a) { v = a; }
    Int & operator++() { v = C; return *this; }
};

ostream &operator <<(ostream &o, Int &a) {
    ++a;
    return o << a.v;
}

int main() {
    Int i = B;
    cout << i;
    return 0;
}
```

☐ 1

☐ C

☒ 0

☐ Compilation fails

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#).

Course: CPA - Programming Essentials | Edube Interactive :: Module 4 Test

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

Module 4 Test

Progress (20%)

Item 4/20

Time Left: 29:06

What is the output of the following snippet?

```
#include <iostream>
using namespace std;
class Int {
public:
    int v;
    Int(int a) { v = a; }
    Int &operator--() {
        ++v;
        return *this;
    }
    Int &operator--(int v) {
        v+=2;
        return *this;
    }
};

ostream &operator <<(ostream &o, Int &a) {
    return o << a.v++;
}

int main() {
    Int i = 0;
    cout << --i << i--;
    return 0;
}
```

☒ 12

☐ 21

☐ 23

☐ 10

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#).

1. Execution in cout from left to right
2. Postfix operator in this case acts on the local variable v and not on the class attribute

Course: CPA - Programming Ess...

Edube Interactive :: Module 4 Test

+

← → ↺

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍 ☆ ⚙️ GP ...

Module 4 Test

● Online

Progress (25%)

☰

Item 5/20

Time Left: 28:46

What is the output of the following snippet?

```
#include <iostream>
using namespace std;
class Int {
public:
    int v;
    Int(int a) { v = a; }
    Int &operator--() {
        ++v;
        return *this;
    }
};

ostream &operator <<(ostream &o, Int &a) {
    return o << --a.v;
}

int main() {
    Int i = 2;
    cout << i;
    return 0;
}
```

☐ Compilation fails

☐ 0

☐ 2

☒ 1

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Essentials

Edube Interactive :: Module 4 Test

← → ↺

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍 ☆ ⚙️ GP ...

Module 4 Test

● Online

Progress (30%)

☰

Item 6/20

Time Left: 28:35

What is the output of the following snippet?

```
#include <iostream>

using namespace std;

class N {
public:
    float x;
    N() { x = 0.0; }
    N(float a) { x = a; }
    N(N &n) { x = n.x; }
    N &operator=(N &y) { return *new N((int)x % (int)y.x); }
};

int main() {
    N a(2.0), b(4.0);
    N c = a % b;
    cout << c.x;
    return 0;
}
```

☐ 1

☐ Compilation fails

☒ 2

☐ 0

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Esse

Edube Interactive :: Module 4 Test

← → ↺

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍 ☆ ⚙️ GP

Module 4 Test

● Online

Progress (35%)

☰

Item 7/20

Time Left: 27:57

What is the output of the following snippet?

```
#include <iostream>
using namespace std;
class Int {
public:
    int v;
    Int(int a) { v = a; }
    Int &operator--() {
        ++v;
        ++v;
        return *this;
    }
};

ostream &operator <<(ostream &o, Int &a) {
    return o << a.v++;
}

int main() {
    Int i = 0;
    cout << --i;
    return 0;
}
```

☒ 2

☐ 1

☐ 0

☐ Compilation fails

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Essentials

Edube Interactive :: Module 4 Test

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

Module 4 Test

Online

Progress (40%)

Item 8/20

Time Left: 27:43

What is the output of the following snippet?

```
#include <iostream>

using namespace std;

class N {
public:
    float x;
    N() { x = 0.0; }
    N(float a) { x = a; }
    N(N &n) { x = n.x; }
};

N &operator=(N &y, float f) { return *new N(f); }

int main() {
    N a;
    a = 2.0;
    cout << a.x;
    return 0;
}
```

Operator = only as member function

☐ Compilation fails

☐ 0

☐ 2

☐ 1

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#).

×

Course: CPA - Programming Ess...

Edube Interactive :: Module 4 Test

+

← → ↺

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍 ☆ ⚙️ GP ...

Module 4 Test

● Online

Progress (45%)

☰

Item 9/20

Time Left: 27:34

What is the output of the following snippet?

```
#include <iostream>
using namespace std;
class Int {
public:
    int v;
    Int(int a) { v = a; }
};

ostream &operator <<(ostream &o, Int &a) {
    return o << --a.v;
}

int main() {
    Int i = 1;
    cout << i;
    return 0;
}
```

☐ 2

☒ 0

☐ 1

☐ Compilation fails

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Essentials

Edube Interactive :: Module 4 Test

← → ↺

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍 ☆ ⚙️ GP

Module 4 Test

● Online

Progress (50%)

☰

Item 10/20

Time Left: 27:23

What is the output of the following snippet?

```
#include <iostream>

using namespace std;

enum T { A = 2, B = -1, C };

class Int {
public:
    T v;
    Int(T a) { v = a; }
    Int & operator++() { v += 2; return *this; }
};

ostream &operator <<(ostream &o, Int &a) {
    ++a;
    return o << a.v;
}

int main() {
    Int i = B;
    cout << i;
    return 0;
}
```

Operator "+=" is not defined for type T.

☐ 0

☐ 2

☒ Compilation fails

☐ 1

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#).

✕

Course: CPA - Programming Essentials

Edube Interactive :: Module 4 Test

← → ↺

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍 ☆ ⚙️ GP

Module 4 Test

● Online

Progress (55%)

☰

Item 11/20

Time Left: 27:12

What is the output of the following snippet?

```
#include <iostream>
using namespace std;

enum T { A, B, C };

class Int {
public:
    T v;
    Int(T a) { v = a; }
};

ostream &operator <<(ostream &o, Int &a) {
    return o << a.v;
}

int main() {
    Int i = B;
    cout << i;
    return 0;
}
```

☐ Compilation fails

☐ 0

☐ B

☒ 1

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Ess...

Edube Interactive :: Module 4 Test

+

← → ↺

🔒

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍 ☆ ⚙️ 📄 GP ...

🌐

Module 4 Test

● Online

Progress (60%)

☰

Item 12/20

Time Left: 27:00

What is the output of the following snippet?

```
#include <iostream>

using namespace std;

string operator>(float l, float r) { if(int(l) > int(r)) return "true"; else return "false"; }

int main() {
    float l = 2.0, r=2.9999;
    cout << (l > r);
    return 0;
}
```

☐ false

☐ true

☒ Compilation fails

☐ It prints an empty string

← Prev

Next →

Operator ">" cannot be overloaded for standard types.

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Essentials

Edube Interactive :: Module 4 Test

← → ↺

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍

☆

🔖

GP

⋮

Module 4 Test

● Online

Progress (65%)

☰

Item 13/20

Time Left: 26:50

What is the output of the following snippet?

```
#include <iostream>

using namespace std;

class N {
public:
    float x;
    N() { x = 0.0; }
    N(float a) { x = a; }
    N(N &n) { x = n.x; }
    N &operator<<(N &y) { return *new N(x * 10); }
};

int main() {
    N a(2.0), b(4.0);
    N c = a << 1;
    cout << c.x;
    return 0;
}
```

☐ 0

☐ 2

☐ 1

☒ Compilation fails

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Esse

Edube Interactive :: Module 4 Tes

←

→

↺

🔒

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍

☆

🔖

🔗

GP

⋮

Module 4 Test

● Online

Progress (70%)

☰

Item 14/20

Time Left: 26:36

What is the output of the following snippet?

```
#include <iostream>
using namespace std;
class Int {
public:
    int v;
    Int(int a) { v = a; }
    Int &operator[] (int x) {
        |   v+=x;
        |   return *this;
    }
};

ostream &operator <<(ostream &o, Int &a) {
    return o << a.v;
}

int main() {
    Int i = 2;
    cout << i.v << i[2];
    return 0;
}
```

☐ 33

☒ 24

☐ Compilation fails

☐ 44

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Esse

Edube Interactive :: Module 4 Test

+

←

→

↺

🔒

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍

☆

🔖

🔗

GP

⋮

🌐

Module 4 Test

● Online

Progress (75%)

☰

Item 15/20

Time Left: 26:27

What is the output of the following snippet?

```
#include <iostream>
using namespace std;
class Int {
public:
    int v;
    Int(int a) { v = a; }
};

int main() {
    Int i = 1;
    cout << i;
    return 0;
}
```

☐ Compilation fails

☐ 1

☐ 0

☐ 2

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Ess...

Edube Interactive :: Module 4 Test

+

← → ↺

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍 ☆ ⚙️ GP ...

Module 4 Test

● Online

Progress (80%)

☰

Item 16/20

Time Left: 26:18

What is the output of the following snippet?

```
#include <iostream>
using namespace std;
class Int {
public:
    int v;
    Int(int a) { v = a; }
};

ostream &operator <<(Int &a) {
    return cout << a.v;
}

int main() {
    Int i = 1;
    cout << i;
    return 0;
}
```

☐ 0

☐ 1

☒ Compilation fails

☐ 2

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Essentials

Edube Interactive :: Module 4 Test

← → ↺

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍 ☆ ⚙️ GP ...

Module 4 Test

● Online

Progress (85%)

☰

Item 17/20

Time Left: 26:08

What is the output of the following snippet?

```
#include <iostream>

using namespace std;

class N {
public:
    float x;
    N() { x = 0.0; }
    N(float a) { x = a; }
    N(N &n) { x = n.x; }
    N &operator=(float f) { x = f - 1; return *this; }
};

int main() {
    N a;
    a = 2.0;
    cout << a.x;
    return 0;
}
```

☒ 1

☐ Compilation fails

☐ 0

☐ 2

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Ess...

Edube Interactive :: Module 4 Test

+

← → ↺

🔒

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍 ☆ ⚙️ 📄 GP ...

🌐

Module 4 Test

● Online

Progress (90%)

☰

Item 18/20

Time Left: 25:55

What is the output of the following snippet?

```
#include <iostream>
#include <string>

using namespace std;

class N {
public:
    float x;
    N() { x = 0.0; }
    N(float a) { x = a; }
    N(N &n) { x = n.x; }
    string operator==(N &n) { if(this != &n) return "true"; else return "false"; }
};

int main() {
    N a(1.1), *b = &a;
    cout << (a == *b);
    return 0;
}
```

☐ It prints an empty string

☐ true

☐ Compilation fails

☒ false

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Esse

Edube Interactive :: Module 4 Test

← → ↺

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍 ☆ ⚙️ GP

Module 4 Test

● Online

Progress (95%)

☰

Item 19/20

Time Left: 25:47

What is the output of the following snippet?

```
#include <iostream>
using namespace std;
class Int {
public:
    int v;
    Int(int a) { v = a; }
    Int &operator++(int x) {
        v+=2;
        return *this;
    }
};

ostream &operator <<(ostream &o, Int &a) {
    return o << a.v;
}

int main() {
    Int i = 0;
    cout << i++ << i.v;
    return 0;
}
```

☐ Compilation fails

☐ 21

☐ 20

☒ 22

← Prev

Next →

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕

Course: CPA - Programming Esses

Edube Interactive :: Module 4 Test

← → ↺

https://edube.org/quiz/cpp-essentials-part-2-v20/module-4-test-11

🔍 ☆ ⚙️ GP

Module 4 Test

● Online

Progress (100%)

☰

Item 20/20

Time Left: 25:35

What is the output of the following snippet?

```
#include <iostream>
#include <string>

using namespace std;

class N {
public:
    float x;
    N() { x = 0.0; }
    N(float a) { x = a; }
    N(N &n) { x = n.x; }
    string operator==(float f) { if(int(x) == int(f)) return "true"; else return "false"; }
};

int main() {
    N a(1.1);
    cout << (a == 1.9);
    return 0;
}
```

☒ true

☐ It prints an empty string

☐ false

☐ Compilation fails

← Prev

Submit

We use cookies to improve our service. By continuing to use the site, you agree to our [privacy](#) and [cookie policies](#). ✕