

XC++02 - Functions

Due Sep 15 at 11:59pm **Points** 3 **Questions** 3 **Available** Sep 4 at 12am - Sep 22 at 11:59pm 19 days
Time Limit None **Allowed Attempts** 4

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Attempt History

	Attempt	Time	Score
KEPT	Attempt 3	3 minutes	3 out of 3
LATEST	Attempt 3	3 minutes	3 out of 3
	Attempt 2	2 minutes	3 out of 3
	Attempt 1	21 minutes	2 out of 3

Score for this attempt: **3** out of 3

Submitted Sep 13 at 1:48pm

This attempt took 3 minutes.

Question 1

1 / 1 pts

Which of the following declarations can be inline?

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

inline double f(double x) {
    return x*x;
}

not possible! double g(double x);

int main() {
    cout << f(3) << "\n";
}

not possible! double g(double x) {
    return x*x*x;
}
```

Answer 1:

inline

Answer 2:

not possible!

Answer 3:

Correct!

not possible!

Question 2

1 / 1 pts

```
void f(double x) { cout << x * 2 << "\n"; }  
void f(double x, double y) { cout << (x+y)* 2 << "\n"; }  
void f(int a, int b) { cout << (a + b) << "\n"; }
```

For each of the following calls, identify which function is called:

Correct!

f(2.5)

f(double)

Correct!

f(2)

f(double)

Correct!

f(3.5,4)

f(double, double)

Correct!

f(2,3)

f(int, int)

Correct!

f('a', 2)

f(int, int)

Correct!

f("a", 2)

illegal

Question 3

1 / 1 pts

Given the following function, which of the calls are legal?

```
void f(int a = 1, double b = 0.0) { ... }
```

Correct!

f()

legal

Correct!

f(2.5)

legal

Correct!

f(1, 0.0)

legal

Correct!

f(1.0, 0)

legal

Correct!

f("a", 2)

illegal

Correct!

f(1,2,3)

illegal

Quiz Score: **3** out of 3