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Question

Attempts

## Functions in C++ : 1 ☆

What will be the output produced by the following code if the \_\_\_\_\_ line is replaced with different function calls shown below:

```
int main()
{
    int a = 4, b = 7, c = -2;
    _____
}

void m(int c, int a, int b)
{
    cout<<b<<" " + "<<c<<" = "<<a;
}
```

### Your answers

-2 + 4 = 7



2.) m(c, 3, a);

4 + -2 = 3



3.) m(a + b, b + c, c + a);

2 + 11 = 5



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Question Attempts

## Functions in C++ : 2 ☆

What are the values of a, b and c after running this program:

```
int main()
{
    int a = 4, b = 2, c = 5;
    a = codequotient1(c, b);
    c = codequotient1(b, a);
    return 0;
}

int codequotient1(int b, int c)
{
    return c + 2 * b;
}
```

### Your answers

1.) a=

12



2.) b=

2



3.) c=

16



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Question Attempts

## Functions in C++ : 3 ☆

What will be the output of below programs:

### Your answers

1.) void codequotient1(int a)

```
{  
  cout<<a;  
  a = 16;  
}
```

int main()

```
{  
  int a = 134;  
  int b = 22;  
  cout<<a;  
  codequotient1(b);  
  cout<<a;  
  cout<<b;  
  return 0;  
}
```

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Question

Attempts

## Functions in C++ : 3 ☆

What will be the output of below programs:

### Your answers

1342213422



```
2.) void codequotient(string y, string z, string x)
{
    cout<<z<<" and "<<x<<" like "<<y<<endl;
}
```

```
int main()
{
    string x = "code";
    string y = "quotient";
    string z = "coding";

    codequotient(x, y, z);
    codequotient(z, x, y);
    return 0;
}
```

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Question Attempts

## Functions in C++ : 4 ☆

What will be the output of below program if the \_\_\_\_\_ line replaced by options given below:

```
int main()
{
    _____
}

void cq1(int y) {
    int x = y / 10;
    int z = (x + y);
    x = cq2(z, y);
    cout<<"cq1: x = "<<x<<, y = "<<y<<, z = "<<z<<endl;
}

int cq2(int x, int y) {
    int z = cq3(x + y, y);
    y /= z;
    cout<<"cq2: x = "<<x<<, y = "<<y<<, z = "<<z<<endl;
    return z;
}

int cq3(int x, int y) {
    y = x / (x % 10);
    cout<<"cq3: x = "<<x<<, y = "<<y<<endl;
}
```

### Your answers

1.) cq1(11);

cq3: x = 23, y = 7  
cq2: x = 12, y = 1, z = 7  
cq1: x = 7, y = 11, z = 12



2.) cq1(21);

cq3: x = 44, y = 11  
cq2: x = 23, y = 1, z = 11  
cq1: x = 11, y = 21, z = 23



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Question

Attempts

## C++ : Function Overloading - 1 ☆

What will be the output of below programs. Write "Error" (if any)

### Your answers

```
1.) #include <iostream>
using namespace std;
void m1 (int i, int f)
{
    cout<<"m1-ii";
}

void m1(float f, int i)
{
    cout<<"m1-fi";
}

int main()
{
    m1(20,20);
}
```

m1-ii



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Question

Attempts

## C++ : Function Overloading - 1 ☆

What will be the output of below programs. Write "Error" (if any)

### Your answers

```
2.) #include <iostream>
using namespace std;
void m1 (int i, float f)
{
    cout<<"m1-if";
}

void m1(float f, int i)
{
    cout<<"m1-fi";
}

int main()
{
    m1(20,20);
}
```

Error



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Question

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## C++ : Function Overloading - 1 ☆

What will be the output of below programs. Write "Error" (if any)

### Your answers



```
3.) #include <iostream>
using namespace std;
void m1 (int i, float f)
{
    cout<<"m1-if";
}

void m1(float f, float i)
{
    cout<<"m1-ff";
}

int main()
{
    m1(20,20);
}
```

m1-if



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Question Attempts

## C++ : Function Overloading - 2 ☆

What will be the output of below programs. Write "Error" (if any)

### Your answers

```
1.) #include <iostream>
using namespace std;
int x, y;
void add(int a)
{
    x = a + 1;
}

void add(int a, int b)
{
    x = a + 2;
}

int main()
{
    int a = 0;
    add(6);
    cout<<x;
}
```

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Question

Attempts

## C++ : Function Overloading - 2 ☆

What will be the output of below programs. Write "Error" (if any)

### Your answers

```
2.) #include <iostream>
using namespace std;
int x, y;
void add(int a)
{
    x = a + 1;
}

void add(int a, int b)
{
    x = a + 2;
}

int main()
{
    int a = 0;
    add(6, 6);
    cout<<x;
}
```

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Question Attempts

## C++ : Function Overloading - 2 ☆

What will be the output of below programs. Write "Error" (if any)

### Your answers

```
3.) #include <iostream>
using namespace std;
int x, y;
void add(double a)
{
    x = a + 1;
}

void add(int a, int b)
{
    x = a + 2;
}

int main()
{
    int a = 0;
    add(6.6);
    cout<<x;
}
```

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