Flash Quiz 1 Questions
CSE 232 (Introduction to Programming II)

1. Which of the following is an example of a multi-line comment in C++?

   (a) `\\Commented text`
   (b) `\* Commented text *\`
   (c) `# Commented text`
   (d) `<!-- Commented text -->`
   (e) `/* Commented text */`

2. What is the output of the following?

```
int a = 7;
cout << a;
int b = a++;
cout << b;
```

   (a) 7 8
   (b) 7 7
   (c) 78
   (d) 77
   (e) None of the choices are correct

3. You are given the following two functions:

```
void Sum(int a, int b){
 cout << "1st: " << (a + b);
}

void Sum(double a, double b){
 cout << "2nd: " << (a + b);
}
```

   What is the output of the following?

```
Sum(2, 5.0);
```

   (a) `1st: 7`
   (b) `2nd: 7`
   (c) `2nd: 7.0`
   (d) `2nd: 25.0`
   (e) Compile error

4. You are given the following function:

```
void Sum(int a, int b){
 cout << "sum: " << (a + b);
}
```

   What is the output of the following?

```
Sum(2, 5.0);
```

   (a) `sum: 7`
   (b) `sum: 7.0`
   (c) `sum: 25.0`
   (d) Compile error

5. Given the following function declarations, which of the following functions are overloaded?

```
void Pizza();
int Pizza();

int Sushi(string);
int Sushi(int);

string Taco(string s);
string Taco();
```

   (a) `Pizza` is overloaded
   (b) `Sushi` is overloaded
   (c) `Taco` is overloaded
   (d) (a) and (c)
   (e) (b) and (c)

6. What is the return type for a function that does not have a `return` statement?

   (a) `void`
   (b) Nothing, the return type is omitted
   (c) `None`
   (d) `null`

7. What is the output of the following?

```
cout << 100 / 3;
```

    (a) 100
    (b) 33
    (c) 1
    (d) 33.333333333
    (e) Depends on the type of 10 and 3

8. What is the output of the following?

```
int a = 4;
int b = 5 * a;
cout << (b += 2);
```

    (a) 5
    (b) 5555
    (c) 5557
    (d) 22
    (e) 20

9. Which of the following is NOT a binary operator?

    (a) ++
    (b) +=
    (c) >=
    (d) <<
    (e) =

10. Which of the following statements takes three inputs in a, b, and c that are provided in a single line, separated by two whitespaces?

    (a) cin >> a >> b >> c;
    (b) cout >> a >> b >> c;
    (c) cout << a << b << c;
    (d) cin << a << b << c;