Quiz

Let's solve a quiz and see where you stand!

1 ⚠

We use functions to make our code:

(You can select multiple correct answers)

2 ⚠

Where should we declare the function?

3 Define a function `hello`, and then call it in the `main` function.

```cpp
void _____ (){
   cout << "I am John";
}

int main() {
   // Call function

   _____

   return 0;
}
```

Fill the missing blanks.

4

What is the output of the following code?

```cpp
int number_sum (int num1 , int num2 = 30 ){
return num1 + num2;
}

int main() {
   int sum = number_sum (30) ;
   cout << sum ;
   return 0;
}
```

5

What is the output of the following code?

```cpp
void division(int number) {
   number = number / 2;
   cout << "number = " << number << endl;
}
```

```cpp
int main() {
    int number = 5;

    division(number);
    cout << "number = " << number << endl;

    return 0;
}
```

What is the output of the following code?

```cpp
void division(int &number) {
    number = number / 2;
    cout << "number = " << number << endl;
```

```cpp
}

int main() {
    int number = 5;
    division(number);
    cout << "number = " << number << endl;

    return 0;
}
```

What is the output of the following code?

```cpp
int a = 3;
```

```cpp
int main() {
    int a = 20;
    cout << "a = " << a << endl;
}
```

What is the output of the following code?

```cpp
int main() {
    int a = 3;
    int a = 20;
    cout << "a = " << a << endl;
}
```

🎉Congratulations! You have just achieved your seventh milestone of the course.

Let's move on to the next chapter, where we will discuss recursive functions in detail.