

ICPC template

```
    return 0;  
}
```

Example C++ Code 1

```
#include <iostream>  
using namespace std;  
  
int main() {  
    cout << "Hello, World!" << endl;  
    return 0;  
}
```

Example Python Code 1

```
def hello_world():  
    print("Hello, World!")  
  
if __name__ == "__main__":  
    hello_world()
```

Example C++ Code 2

```
#include <vector>  
#include <algorithm>  
using namespace std;  
  
int main() {  
    vector<int> v = {1, 2, 3, 4, 5};  
    sort(v.begin(), v.end(), greater<int>());  
    for (int i : v) {  
        cout << i << " ";  
    }  
    cout << endl;  
    return 0;  
}
```

Example Python Code 2

```
def sort_descending(numbers):  
    return sorted(numbers, reverse=True)  
  
numbers = [1, 2, 3, 4, 5]  
sorted_numbers = sort_descending(numbers)  
print(sorted_numbers)
```

Example C++ Code 3

```
#include <map>  
#include <string>  
using namespace std;  
  
int main() {  
    map<string, int> ages;  
    ages["Alice"] = 30;  
    ages["Bob"] = 25;  
    ages["Charlie"] = 35;  
  
    for (const auto &entry : ages) {  
        cout << entry.first << ": " << entry.  
            second << endl;  
    }  
}
```

Example Python Code 3

```
class Person:  
    def __init__(self, name, age):  
        self.name = name  
        self.age = age  
  
    def greet(self):  
        print(f"Hello, my name is {self.name}  
            and I am {self.age} years old.")  
  
alice = Person("Alice", 30)  
alice.greet()
```