

```
/*
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Course: CSCI-135
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Assignment: HW5.14/5.15
```

```
This program takes the reference to two/three ints and then
sorts them.
```

```
*/
```

```
#include <iostream>
```

```
using namespace std;
```

```
void sort2(int& a, int& b) {
```

```
    int temp = 0;
```

```
    if (a > b) {
```

```
        temp = b;
```

```
        b = a;
```

```
        a = temp;
```

```
    }
```

```
}
```

```
void sort3(int& a, int& b, int& c) {
```

```
    if (a > b) {
```

```
        sort2(a, b);
```

```
    }
```

```
    if (b > c) {
```

```
        sort2(b, c);
```

```
    }
```

```
}
```

```
int main() {
```

```
    int first = 10;
```

```
    int second = 20;
```

```
    int third = 15;
```

```
    cout << first << endl;
```

```
    cout << second << endl;
```

```
    cout << third << endl;
```

```
    sort3(first, second, third);
```

```
    cout << first << endl;
```

```
    cout << second << endl;
```

```
    cout << third << endl;
```

```
    return 0;
```

```
}
```