Sample Program 6.1

About If-statements

Problem statement. Write a code block that uses an if-statement to test the contents of a string `s`, and if it is blank (that is, of zero length), print "It's blank".

 Solution.

```
if (s.length() == 0)
   cout << "It's blank!" << endl;
```

Problem statement. Write a code block that uses an if-statement to test the contents of a string `s`, and if it equals your name, print to the console "It's me!"

Solution.

```
if (s == "your name")
   cout << "It's me!" << endl;
```

Problem statement. Write a code block that uses an if-else-statement to test the contents of a string `s`, and if it equals your name, print to the console "It's me!", otherwise print "It's somebody else."

Solution.

```
if (s == "your name")
   cout << "It's me!" << endl;
else
   cout << "It's somebody else." << endl;
```

Problem statement. Write a code block that uses an if-else-if-statement to test the contents of a string `s`, and if it equals your name, print to the console "It's me!", but if it's your friend's name, print "It's my friend."

Solution.

```
if (s == "your name")
   cout << "It's me!" << endl;
else if (s == "my friend's name")
   cout << "It's my friend." << endl;
```