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)
   System.out.println("It's blank!");
```

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.equals("your name"))
   System.out.println("It's me!");
```

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.equals("your name"))
   System.out.println("It's me!");
else
   System.out.println("It's somebody else.");
```

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.equals("your name"))
   System.out.println("It's me!");
else if (s == "my friend's name")
   System.out.println("It's my friend.");
```