Sample Program 9.1

About Boolean Values And Variables

Problem statement. Write a single declaration statement that creates an uninitialized `boolean` variable named `result`.

 Solution.

```
boolean result;
```

Problem statement. Write a single declaration statement that creates a `boolean` variable named found and initializes it to `false`.

Solution.

```
boolean result = false;
```

Problem statement. Write a value-returning function named `itsTrue`, with no parameters, that returns the `boolean` value true.

Solution.

```
static boolean itsTrue()
{
  boolean result = true;
  return result;
}
```

Problem statement. Write a code block to test a `boolean` variable named `b`, and output "It's true!" to the console screen if `b`'s value is `true`.

Solution.

```
if (b) System.out.println("It's true!");
```

Problem statement. Write a code block to test a `boolean` variable named `b`, and output "It's false!" to the console screen if `b`'s value is `false`.

Solution.

```
if (!b) System.out.println("It's false!");
```