

Big O Activity (Lab)

Create a project **bigOActivity** with classes **BigO** and **Test()**.

In **BigO** class:

- create a method **printOnce()** that runs in **O(1)** time
 - the method should have a parameter of a number or a String
 - the method should just print the parameter value
- create a method **printNTimes()** that runs in **O(n)** time
 - the method should have a parameter of **int n**
 - the method should print a phrase ***n*** number of times
- create a method **printNSquaredTimes()** that runs in **O(n²)** time
 - the method should have a parameter of **int n**
 - the method should print a phrase ***n*²** number of times

In **Test** class:

- create the **main()** method, and in it:
- create an instance of the **BigO** class
- use the instance of the class to call the 3 methods from the class

Zip and submit the **project folder** to Canvas or upload to GitHub by the due date.