

# Beginning C Programming for Engineers

In-class exercise, lesson 3

Name: \_\_\_\_\_

Write a program that reads in two integers,  $b$  and  $e$ , and computes  $b^e$ . You only need to worry about  $e \geq 0$ . Your program should use the `for` statement to do this (so you will need to identify an additional control variable). It must *not* use the `pow` function.

Some example runs might look like this:

```
Enter the base (b): 5
Enter the exponent (e): 3
b^e = 125
```

```
Enter the base (b): 2
Enter the exponent (e): 0
b^e = 1
```