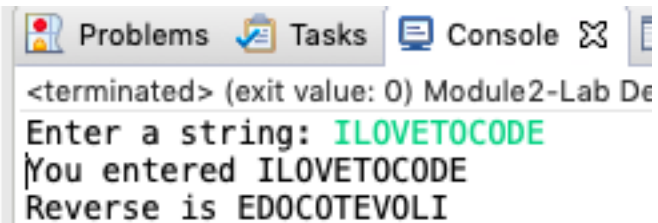Christopher Holmes
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Module 2 - Lab
1/21/19

Part A:

In this part of the lab, we were to take in a string of characters from the user, store them in the stack, and print them in reverse order. This program accomplishes all of this.

When given the string of 'CSUMB', you can see in the screen shot that it does read in as CSUMB, and then outputs in as BMUSC.

```
<terminated> (exit value: 0) Moc
Enter a string: CSUMB
You entered CSUMB
Reverse is BMUSC
```

A second test of 'ILOVETOCODE' shows the same correct results.

```
Problems  Tasks  Console  
<terminated> (exit value: 0) Module2-Lab De
Enter a string: ILOVETOCODE
You entered ILOVETOCODE
Reverse is EDOCOTEVOLI
```

Part B:

In this part of the lab, we were to read in a number from the user, convert it to binary, store to the stack, and out put the resulting binary result. This program accomplishes the requirements.

In this test, we entered the number 5, and received the corresponding binary representation.

```
<terminated> (exit value: 0) Module
Enter a number: 5
Decimal: 5
Binary: 0000000000000101
```

In this test, we entered the number 26, and received the corresponding binary representation.

```
Enter a number: 26
Decimal: 26
Binary: 0000000000011010
```