

CSCI 206 Lab	Date: 26 Oct 2018
Lab8 – Adding it up	Due: 1 Nov 2018
Please submit your lab in your lecture section on Moodle.	

Notes:

- Make sure to use variable names that make sense.
- Add comments to document your code. **Comments are not optional.**
- Use a one-line comment before each block to describe what you are doing – don't describe the code syntax, but rather the purpose of the code. These comments should effectively describe the steps in your "algorithm."
- Use blank lines here and there to separate logical steps in your code
- Spell things carefully, including capitalization, since Java is fussy about that
- Indent things carefully, as in the sample program
- Check your results!

➤ Part 1

- Using a for loop, ask the user for 6 numbers. Add all the numbers up and display the sum.

➤ Part 2

- You have \$20.00 and want to buy 5 items at the grocery store. In order to stay under \$20, you enter the prices of the items you would like to buy. (Pretend there is no tax). If you enter a price that puts you over \$20.00, the program will let you know how much you have left and prompt you again. When you are done, the program will let you know what your total will be.

See output examples next page.

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Output example A:

```

Please enter a number:
10
Please enter a number:
10
Please enter a number:
10
Please enter a number:
10
Please enter a number:
10
Please enter a number:
10
Please enter a number:
10
The sum of your numbers is 60
*****
Please enter a price:
.99
Please enter a price:
1.99
Please enter a price:
2.99
Please enter a price:
3.99
Please enter a price:
4.99
Your items total $14.950000000000001 Good job!

```

Output example B:

```

Please enter a number:
1
Please enter a number:
2
Please enter a number:
3
Please enter a number:
4
Please enter a number:
5
Please enter a number:
6
The sum of your numbers is 21
*****
Please enter a price:
5.95
Please enter a price:
4.95
Please enter a price:
5.95
Please enter a price:
6.50
That item is too expensive
You only have $3.1499999999999986 left
Enter a price that is less than $3.1499999999999986
Please enter a price:
1.99
Your items total $18.84 Good job!

```