

Assignment #6

Due Date: Friday April 21, 2017 11:59PM

Write a Java program that performs the following steps. Remember to place proper comments in your code. Your program must compile in order for your submission to be graded.

1. Open the file *input.txt* and read its content line-by-line.
2. For each line decide if it is a *double*, *integer*, or *neither*. **DO NOT USE** *try* and *catch* for this assignment. You must infer the type by iterating over each character. Hint: use a *FOR* loop.
3. Print the results to the file *outptu.txt*.

Grading:

Item	Weight
✓ Comments	1
✓ Read entire file	2
✓ Decide if entry is a double	2
✓ Decide if entry is an integer	2
✓ Decide if entry is neither	1
✓ Output formatted text to file	2
Total:	10

Sample Output

```
123456789012345678901234567890 is an integer
11.45 is a double
12.0 is a double
9.9.9 is not numeric
33 is an integer
7779875675 is an integer
0.0009 is a double
0.0009.99 is not numeric
abcd is not numeric
11.a is not numeric
```