CS 160
CS Orientation

Finish Repetition and Strings

Begin Functions

What happens when you enter bad data?

- Where/when does the error occur?

Strings

- Create a string

  my_string=“hello”;

- Access a character

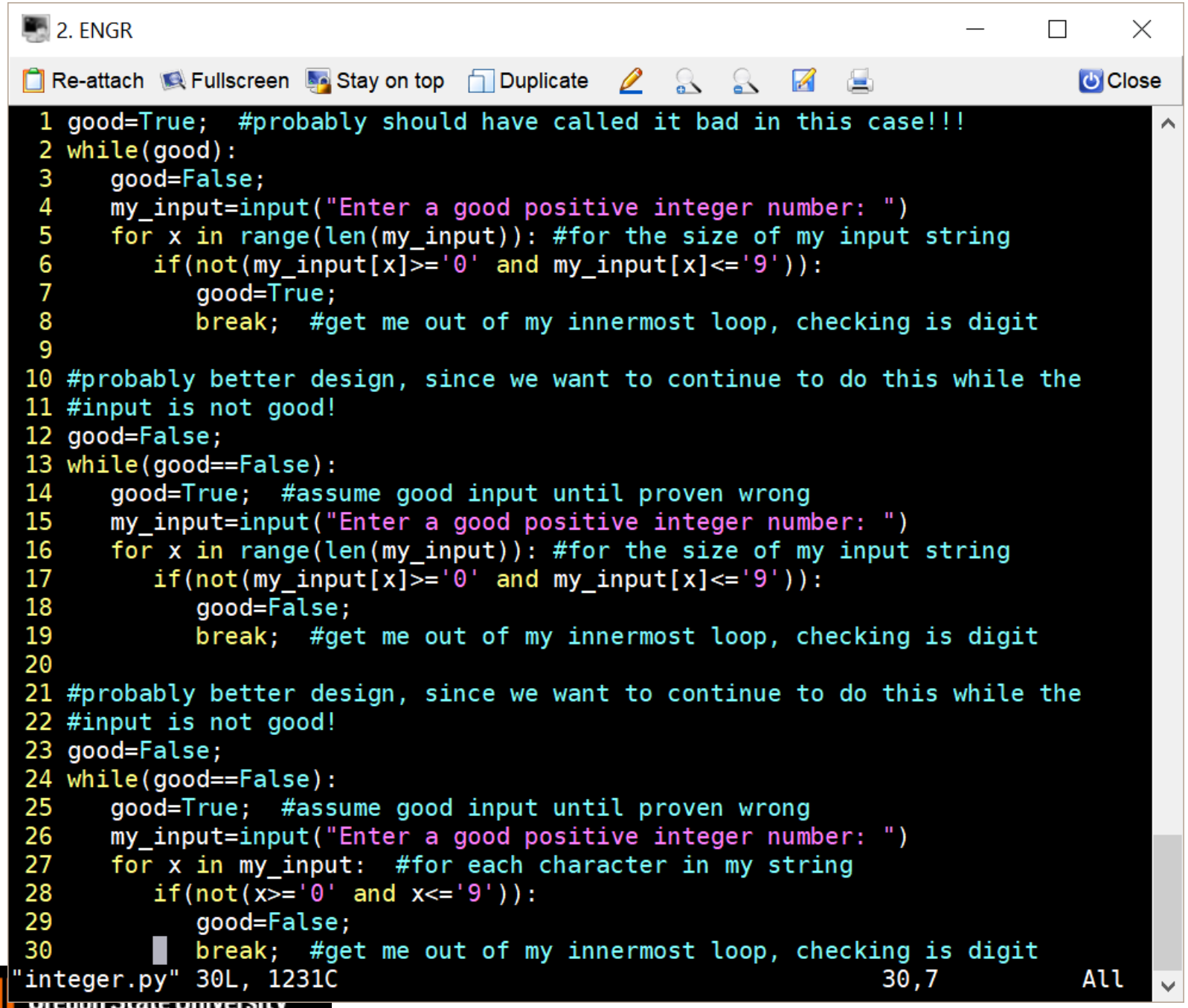
  my_string[0] #gives you first character

- Length

  len(my_string)

In-class Exercise #4 cont…

- Without using a built-in function to do the checking for you…
  - How will you make sure you get a good positive integer from the user?
  - How will you make sure you get a good integer from the user?
  - How will you make sure you get a good floating point number from the user?


2. ENGR
Re-attach
Fullscreen
Stay on top
Duplicate
Close
1 good=True; #probably should have called it bad in this case!!!
2 while(good):
3   good=False;
4   my_input=input("Enter a good positive integer number: ")
5   for x in range(len(my_input)): #for the size of my input string
6   if(not(my_input[x]>='0' and my_input[x]<='9')):
7   good=True;
8   break; #get me out of my innermost loop, checking is digit
9
10 #probably better design, since we want to continue to do this while the
11 #input is not good!
12 good=False;
13 while(good==False):
14   good=True; #assume good input until proven wrong
15   my_input=input("Enter a good positive integer number: ")
16   for x in range(len(my_input)): #for the size of my input string
17   if(not(my_input[x]>='0' and my_input[x]<='9')):
18   good=False;
19   break; #get me out of my innermost loop, checking is digit
20
21 #probably better design, since we want to continue to do this while the
22 #input is not good!
23 good=False;
24 while(good==False):
25   good=True; #assume good input until proven wrong
26   my_input=input("Enter a good positive integer number: ")
27   for x in my_input: #for each character in my string
28   if(not(x>='0' and x<='9')):
29   good=False;
30   break; #get me out of my innermost loop, checking is digit
"integer.py" 30L, 1231C 30,7 All