

## MTH 337, SAMPLE QUIZ #4

Fall 2022

Professor: S. Cassani

**You have 10 minutes to complete the quiz.**

Name: \_\_\_\_\_  
(Also print name on back upper right corner of quiz.)

Max score: 10

	Python Code	Result	
1	<pre>def myfun(n):     return n%2==0  print(myfun(3))</pre>		
2	<pre>a=22  while a&gt;5:     print(a)     a=a//3</pre>		
3	<pre>a,b=2,3  for c in range(5):     if ((b-a)&gt;(b-c)) or (c==0):         print(c)</pre>		
4	<pre>a,b=2,3  for c in range(5):     if ((b-a)&gt;(b-c)) and (c%2==0):         print(c)</pre>		
5	<pre>k=10 mylist=[]  while k&lt;0:     if (k**2)%3==1:         mylist.append(k)     k-=2 print(mylist)</pre>		
6		Write the code that iterates on all the even numbers in [0,100] and add all the numbers that are multiples of 7 or multiples of 11 to the list mylist	
7		Write the code that iterates on all the even numbers in [0,100] and add all the numbers that are multiples of 7 and not multiples of 11 to the list mylist	

Total Points: