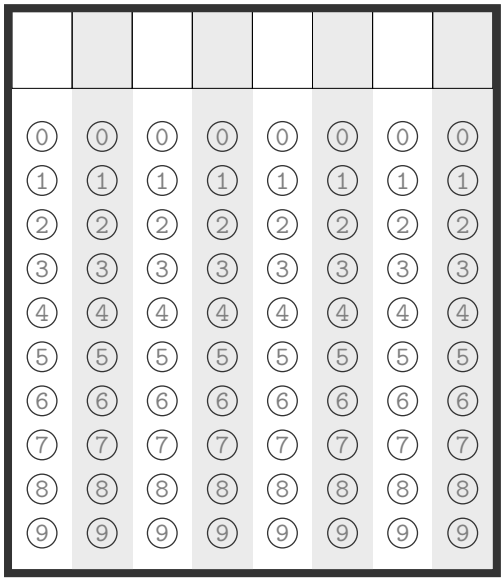
MTH 337 B
QUIZ 2 SAMPLE

Name:

UB Person Number:



Instructions:

- If the first column of the quiz contains Python code, in the second column write the output that this code produces when executed.
- If the second column contains a description of some Python operation, in the first column write the code that will perform this operation.
- Treat the first column as a sequence of Jupyter Notebook code cells that are executed from top to bottom. This means e.g. that you import some module in one cell, then you don't need to import it again in the following cells. If you define some variable or function in one cell, then you can use it in the following cells.

	Python Code	Result	

1.	`a,b = 2,3`
	`if a != b:`
	`  print("first")`
	`else:`
	`  print("second")`
	`print("third")`		

2.	`for a in "cat":` `  print(f"{a}!")`		

3.	`for n in range(5):`
	`  if n % 2 == 0:`
	`  print(n)`		

4.	`def f(n,m):`
	`  return 'hello'`
	`  print(n+m)`
	
	`print(f(1,2))`		

5.	`ml = []`
	`while len(ml) < 3:`
	`  ml.append(1)`
	`print(ml)`		

6.		Defines a function that take as its arguments two numbers n, m, returns 1 if they are equal, and returns 2 otherwise. Choose a name for this function yourself.	
7.		Defines a function that takes as its argument a list of integers, and returns the sum of the last two elements on the list. You can assume that the list has at least two elements. Choose a name for this function yourself.	