



First Look: Lists & Strings

20.code/lists_intro.py

```
1  # What does this program output?
2
3  my_list = ["one", "two", "three", "four", "five"]
4
5  print(my_list[0])
6  print(my_list[-1])
7  print(my_list[2:4])
8
9  for num in my_list:
10     if num.count("o") > 0:
11         print(num)
12
13  phrase = "Green Eggs & Ham"
14  print("green" in phrase)
15  print("Green" in phrase)
16  print("two" in my_list)
17
18  phrase = "Monty Python"
19  for letter in phrase:
20      print(letter, end="-")
21  print()
22
23  # Assume the user enters the following numbers:
24  # 5 10 15 20 25
25  numbers = []
26  for i in range(5):
27      numbers.append(eval(input("Please enter a number: ")))
28  print(sum(numbers))
```

In the code above, identify the following:

1. Loop variables
2. List initializations
3. Function definitions
4. Function calls
5. Conditions
6. Boolean Expressions
7. String Literals