"""

For loops iterate over lists

prints:

dog is a mammal

cat is a mammal

mouse is a mammal

"""

for animal in ["dog", "cat", "mouse"]:

# You can use format() to interpolate formatted strings

print("{} is a mammal".format(animal))

"""

"range(number)" returns an iterable of numbers

from zero to the given number

prints:

0

1

2

3

"""

for i in range(4):

print(i)

"""

"range(lower, upper)" returns an iterable of numbers

from the lower number to the upper number

prints:

4

5

6

7

"""

for i in range(4, 8):

print(i)

"""

"range(lower, upper, step)" returns an iterable of numbers

from the lower number to the upper number, while incrementing

by step. If step is not indicated, the default value is 1.

prints:

4

6

"""

for i in range(4, 8, 2):

print(i)

"""

While loops go until a condition is no longer met.

prints:

0

1

2

3

"""

x = 0

while x < 4:

print(x)

x += 1 # Shorthand of x = x + 1

# Handle exceptions with a try/except block

try:

# Use "raise" to raise an error

raise IndexError("This is an index error")

except IndexError as e:

pass # Pass is just a no-op. Usually you would do recovery here.

except (TypeError, NameError):

pass # Multiple exceptions can be handled together, if required.

else: # Optional clause to the try/except block. Must follow all except blocks

print("All good!") # Runs only if the code in try raises no exceptions

finally: # Execute under all circumstances

print("We can clean up resources here")

**IF ELIF ANSWER:**

grade =int(input("Please input your grade in percent\n"))

if grade>=90 and grade<=100:

print("You got an A")

elif grade>=80 and grade<=89:

print("You got a B")

elif grade>=70 and grade<=79:

print("You got a C")

elif grade<=69:

print("You got a F")

else:

print("Invalid Grade Entered")

**For Answer:**

statement=input("Please input a statement that you wish to print repeatedly\n")

count=int(input("Please enter the number of times you want the statement to print\n"))

for x in range(count):

print(statement)