# Q1

num = float(input("Enter a number: \n")) #Asks user for number

if num > 0: #if number is greater than 0

print("The number is positive")

elif num < 0: #if number is less than 0

print("The number is negative")

else: #if number is 0

print("The number is 0")

# Q2

x = 0

while x != 100: #if x is not equal to 100

y = x + x #adds even numbers to total

x += 2 #adds even numbers

print(y) #prints sum of total

# Q3

x = 0

for x in range (1,51): # prints 1-50

if x % 5:

print(x)

else:

print("Buzz")

x = 0

for x in range (1,51): #prints 1-50

if x % 3:

print(x)

else:

print("Fizz")

# Q4

l = []

for y in range(1,8):

x = int(input("Enter a number: \n")) #asks for a number

l.append(y) #adds number to list

print("Original list is", l) #prints list