While loop

x= 5

while x>=0:

print(x)

x-= 1

n= 0

num = 1

while num <= 10:

n += num

num += 1

print("The sum of numbers from 1 to 10 is:", n)

password = input("Enter your password: ")

while password != "secret":

print("Incorrect password. Try again.")

password = input("Enter your password: ")

print("Welcome! Access granted.")

num = int(input("Enter a positive number: "))

while num <= 0:

print("Invalid input. Please enter a positive number.")

num = int(input("Enter a positive number: "))

print("Thank you for entering", num)

for loop

for x in range(3):

for y in range(2):

print(x, y)

word = "book"

for char in word:

print(char)

for x in range(5):

print(x)

fruits = ["apple", "banana", "orange", "grape", "watermelon"]

for fruit in fruits:

print(fruit)

break

fruits = ["apple", "banana", "orange", "grape", "watermelon"]

for fruit in fruits:

print(fruit)

if fruit=="orange":

break

n = [1, 2, 3, 4, 5]

x = 4

for num in n:

if num == x:

print("Found it!")

break

else:

print("Not found!")

n = [1, 2, 3, 4, 5]

x = 7

for num in n:

if num == x:

print("Found it!")

break

else:

print("Not found!")

continue

for x in range(10):

if x==5:

continue

print(x)

function

def emp(name):

print("Hello,", name)

emp("Alice")

emp("Bob")