# Simple Python Calculator

# Function to add two numbers

def add(x, y):

return x + y

# Function to subtract two numbers

def subtract(x, y):

return x - y

# Function to multiply two numbers

def multiply(x, y):

return x \* y

# Function to divide two numbers

def divide(x, y):

if y == 0:

return "Cannot divide by zero"

return x / y

# Main function to run the calculator

def main():

while True:

print("Options:")

print("Enter 'add' for addition")

print("Enter 'subtract' for subtraction")

print("Enter 'multiply' for multiplication")

print("Enter 'divide' for division")

print("Enter 'exit' to end the program")

user\_input = input(": ")

if user\_input == "exit":

break

elif user\_input in ("add", "subtract", "multiply", "divide"):

num1 = float(input("Enter first number: "))

num2 = float(input("Enter second number: "))

if user\_input == "add":

print("Result:", add(num1, num2))

elif user\_input == "subtract":

print("Result:", subtract(num1, num2))

elif user\_input == "multiply":

print("Result:", multiply(num1, num2))

elif user\_input == "divide":

print("Result:", divide(num1, num2))

else:

print("Invalid input. Please try again.")

if \_\_name\_\_ == "\_\_main\_\_":

main()