def basic\_calculator():

# Prompt the user to enter two numbers

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

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

# Prompt the user to choose an operator

print("Choose an operator: +, -, \*, /, //, %, \*\*")

operator = input("Enter operator: ")

# Perform the chosen operation and print the result

if operator == '+':

result = num1 + num2

print("The result of” + num1 + “+” + num2 “is” + result)

elif operator == '-':

result = num1 - num2

print(f"The result of {num1} - {num2} is {result}")

elif operator == '\*':

result = num1 \* num2

print(f"The result of {num1} \* {num2} is {result}")

elif operator == '/':

if num2 != 0:

result = num1 / num2

print(f"The result of {num1} / {num2} is {result}")

else:

print("Error: Division by zero")

elif operator == '//':

if num2 != 0:

result = num1 // num2

print(f"The result of {num1} // {num2} is {result}")

else:

print("Error: Division by zero")

elif operator == '%':

if num2 != 0:

result = num1 % num2

print(f"The result of {num1} % {num2} is {result}")

else:

print("Error: Division by zero")

elif operator == '\*\*':

result = num1 \*\* num2

print(f"The result of {num1} \*\* {num2} is {result}")

else:

print("Invalid operator")

# Run the calculator

basic\_calculator()