Program:

def calculator():

print("Welcome .")

while True:

operation = input("Enter the operation: ")

if operation not in ('+', '-', '\*', '/'):

print("Error: false operator")

continue

operand1 = input("1st number: ")

operand2 = input("2nd number: ")

if not operand1.isdigit() or not operand2.isdigit():

print("Error: Please try again.")

continue

operand1 = int(operand1)

operand2 = int(operand2)

if operation == '+':

result = operand1 + operand2

elif operation == '-':

result = operand1 - operand2

elif operation == '\*':

result = operand1 \* operand2

elif operation == '/':

if operand2 == 0:

print("Error: Division by zero is undefined. Please try again.")

continue

result = operand1 / operand2

print(f"Result: {operand1} {operation} {operand2} = {result}")

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

calculator()

output:

