def calculator():  
 try:  
   
 num1 = float(input("Enter the first number: "))  
 num2 = float(input("Enter the second number: "))  
 operation = input("Enter the operation (+, -, \*, /): ")  
  
   
 if operation == "+":  
 result = num1 + num2  
 elif operation == "-":  
 result = num1 - num2  
 elif operation == "\*":  
 result = num1 \* num2  
 elif operation == "/":  
 if num2 == 0:  
 raise ValueError("Error: Cannot divide by zero.")  
 result = num1 / num2  
 else:  
 raise ValueError("Error: Invalid operation entered.")  
  
 print(f"The result of {num1} {operation} {num2} = {result}")  
  
 except ValueError as e:  
 print(e)  
 except Exception as e:  
 print(f"An error occurred: {e}")  
  
  
  
calculator()