class Calculator:

def options(n1, n2, choice):

if not isinstance(n1, int) or not isinstance(n2, int):

raise ValueError("Number input is invalid")

if choice > 4:

raise KeyError("The options are correct")

match choice:

case 1:

return n1 + n2

case 2:

return n1 - n2

case 3:

return n1 \* n2

case 4:

if operator2 == 0:

raise ZeroDivisionError("The operator should not be zero")

return n1 / n2

try:

while True:

print("1) Addition 2) Subtraction 3) Multiplication 4) Division")

choice = int(input("Enter the choice: "))

n1 = int(input())

n2 = int(input())

result = Calculator.options(n1, n2, choice)

print(f"Result: {result}")

except ValueError as e:

print(e)

except KeyError as e:

print(e)

except ZeroDivisionError as e:

print(e)