**Calculator program in python**

**Code:**

while True:

print("--------------------------")

print("Choose an operation:")

print("1. Addition")

print("2. Subtraction")

print("3. Multiplication")

print("4. Division")

print("5. Square")

print("6. Cube")

print("7. Exit")

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

if choice == 1:

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

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

result = num1 + num2

print("The result is:", result)

elif choice == 2:

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

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

result = num1 - num2

print("The result is:", result)

elif choice == 3:

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

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

result = num1 \* num2

print("The result is:", result)

elif choice == 4:

numerator= float(input("Enter numerator : "))

denominator = float(input("Enter denominator: "))

try:

result = numerator / denominator

print(result)

except ZeroDivisionError:

print("Divide by 0 exception")

elif choice == 5:

num = float(input("Enter a number: "))

result = num \*\* 2

print("The square of", num, "is:", result)

elif choice == 6:

num = float(input("Enter a number: "))

result = num \*\* 3

print("The cube of", num, "is:", result)

elif choice == 7:

break

else:

print("Invalid input")

**Output:**





