**Python Practical 6**

**Name: Rohan Dahibhate**

**Batch: B2**

**Roll no. 255**

# Program to check whether the number is armstrong number or not...

inp1 = int(input("Enter your number:\t"))

str\_inp1 = str(inp1)

power = len(str\_inp1)

sum = 0

for x in str\_inp1:

sum += int(x) \*\* power

if inp1 == sum:

print(inp1,"is an armstrong number of order", power)

else:

print(inp1,"is not an armstrong number")

**Output:**

Enter your number: 407

is an armstrong number of order 3