**PYTHON CLASS 3- ASSIGNMENT**

1. Find the Armstrong Number between the two numbers which are input by user ○ Armstrong number : 153 -> 1\*1\*1 + 5\*5\*5 + 3\*3\*3

Ans. L=int(input("Enter low number:"))

H=int(input("Enter higher number:"))

for b in range(L,H+1):

a=0

temp=b

while temp>0:

value=temp%10

a+=value\*\*3

temp//=10

if b==a:

print(b)

1. Remove the punctuation like ["@!#$%&\*()"] from string "hello this world @2020!!!"

Ans. a="hello this world @2020!!!"

b="@!#$%&\*()"

text=a

for x in b:

txt=txt.replace(x,'')

print(txt)

1. You have a list with words ["Apple","banana","cat","REGEX","apple"], Sort word in Alphabetical order.

Ans. a=["Apple","banana","cat","REGEX","apple"]

newList=sorted(a,key=str.lower)

print(newList)

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