

## Python Task - 3

Quest: Find the Armstrong Number b/w the two number which are input by user.

Sol:-

```
n = int(input("Enter the Number : "))
Sum = 0
temp = Sum
while temp > 0:
    d = temp % 10
    Sum += d ** 3
    temp //= 10
if n == Sum:
    print(n, "Armstrong Number")
else:
    print(n, "not Armstrong Number")
```

Quest2: Let say you have string "hello this world@2020!! \*".  
Remove the production (@) from string.

Sol:-

```
S = input("Enter the string")
alphanumeric = ""
for i in S:
    if i.isalnum():
        alphanumeric += i
print(alphanumeric)
```

Ques. You have a list with words - ("Apple", "banana", "cat", "REGEX", "apple")  
Sort words in Alphabetical order.

Sol:-

```
for i in range (0, 25);  
list = list.append(i) :  
list = list.sort()  
Print(list)
```

and

```
l = ("Apple", "banana", "Cat", "REGEX", "apple")  
l = l.sort()  
print(l)
```