R3
Basic Questions of if-else & for loops

Join Discord - https://tinyurl.com/ly-discord

Loops Question

Question 1 - Program to check whether a number is Armstrong number or not

$$4^3 + 0^3 + 7^3 = 407$$
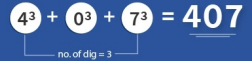
no. of dig = 3

Example
Input
371

Output
371 is Armstrong number.

Explanation slide

Loops Question

Question 2 - Program to find Armstrong numbers between 1 to n

Example

Input
1
1000

Output
1 2 3 4 5 6 7 8 9 370 371 407

Explanation slide

Loops Question
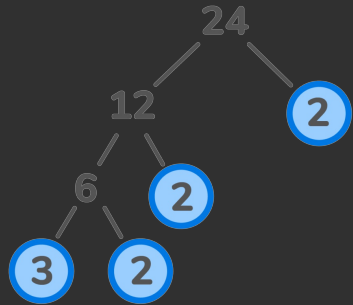
Question 3 - Program to find prime factors of a
number

Example
Input
10

Output
2 5

LearnYard

Explanation slide

Loops Question
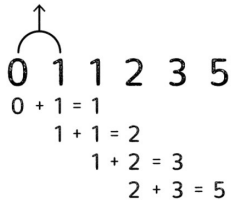
Question 4 - Print fibonacci series upto n terms

Example
Input
10

Output
0 1 1 2 3 5 8 13 21 34

Fibonacci Series

Default

0 1 1 2 3 5

0 + 1 = 1
  1 + 1 = 2
    1 + 2 = 3
      2 + 3 = 5

Explanation slide

Loops Question

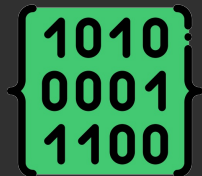Question 5 - Convert number from Binary to Decimal

Example
Input
101

Output
5

Explanation slide

Thank You!

Please practice more questions and examples as above !!