

DAILY ONLINE ACTIVITIES SUMMARY

Date:	06/07/2020	Name:	Prajwal
Sem & Sec	IV sem & B sec	USN:	4AL18CS057
Online Test Summary			
Subject	Complex Analysis, Probability And Statistical Methods		
Max. Marks	30	Score	-----
Certification Course Summary			
Course	Python For Data Science		
Certificate Provider	COGNITIVE CLASS	Duration	12 hours
Coding Challenges			
Problem Statement: 1. Write a Java program to find the Nth natural number with exactly two bits set.			
Status: Done			
Uploaded the report in Github		YES	
If yes Repository name		https://github.com/PRAJWALKOTIAN/lockdown-coding	
Uploaded the report in slack		YES	

Online test details


The descriptive test was conducted on 06 july 2020 on Complex Analysis, Probability And Statistical Methods from 9:30 to 10:45. Score was not provided.

Certification Course Details

The course I have chosen is python for data science in this I studied the usage of numpy in 2D array.

4G 10:08 62.0 KB/s

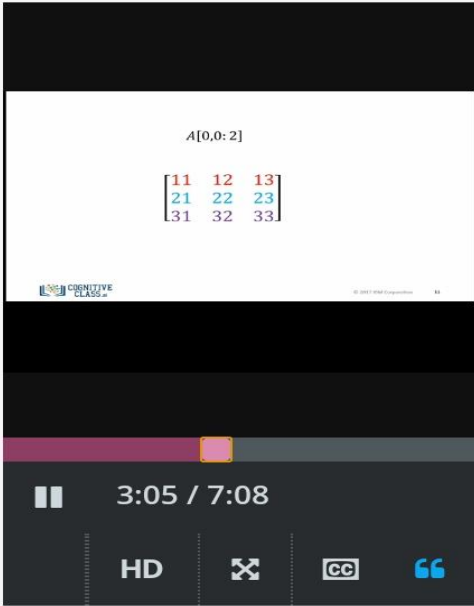
Voice LTE 45%

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Numpy 2D Arrays (7:08)

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Numpy 2D Arrays (7:08)



Video player interface showing a 3x3 numpy array A[0,0:2] with values: 11 12 13, 21 22 23, 31 32 33. The first row is highlighted in pink. The video is at 3:05 / 7:08.

to the first column, and a value of 11.

We can also use slicing in numpy arrays.

The first index corresponds to the first row.


The second index accesses the first two columns.


Video

[Download video file](#)

Transcripts

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Coding Challenges Details

The bellow given codes are there on my github repository <https://github.com/PRAJWALKOTIAN/lockdown-coding>

1. Write a Java program to find the Nth natural number with exactly two bits set.



```
class twoBitsSet
{
    static void findNthNum(int N)
    {
        int bit_L = 1, last_num = 0;
        while (bit_L * (bit_L + 1) / 2 < N)
        {
            last_num = last_num + bit_L;
            bit_L++;
        }
        int bit_R = N - last_num - 1;
        System.out.print((1 << bit_L) + (1 << bit_R));
    }
    public static void main(String[] args)
    {
        int N = 13;

        findNthNum(N);
    }
}
```