

DAILY ONLINE ACTIVITIES SUMMARY

Date:	6/06/2020	Name:	Afrah Saleem
Sem & Sec	8th B	USN:	4AL16CS127
Online Test Summary			
Subject	IOT		
Max. Marks	30	Score	30
Certification Course Summary			
Course	Learn android applications and development		
Certificate Provider	Udemy	Duration	10 hrs
Coding Challenges			
Problem Statement: 1) Python Program for Find largest prime factor of a number.			
Status: Solved			
Uploaded the report in Github		YES	
If yes Repository name		Afrah	
Uploaded the report in slack		YES	

Online Test:

Test Completed!

You have successfully participated in IoT IA4.

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ResultsAnalytics

✔ MCQ

Your Score

30 / 30

Certification Course Details:

Up Next

23. Classes And Objects

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arriviste.

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Lectures More

20	✓ Highest and Lowest values / Sum ... Video - 09:24 mins	⬇
21	✓ Arrays with Files and String arrays Video - 13:25 mins	⬇
22	✓ The ArrayList class Video - 08:28 mins	⬇
23	23. Classes And Objects Video - 25:37 mins	⬇
24	24. More Classes And Objects Video - 29:02 mins	⬇
Section 2 - Introduction to Android		⬇
25	Introduction to Android Video - 03:35 mins	⬇
26	Installing Android Studio	⬇

CODE:

Program no:1

Python Program for Find largest prime factor of a number.

```
import math
```

```
def maxPrimeFactors (n):
```

```
    maxPrime = -1
```

```
    while n % 2 == 0:
```

```
        maxPrime = 2
```

```
        n >>= 1
```

```
    for i in range(3, int(math.sqrt(n)) + 1, 2):
```

```
        while n % i == 0:
```

```
            maxPrime = i
```

```
            n = n / i
```

```
    if n > 2:
```

```
        maxPrime = n
```

```
    return int(maxPrime)
```

```
n = 15
```

```
print(maxPrimeFactors(n))
```

```
n = 25698751364526
```

```
print(maxPrimeFactors(n))
```