# DAILY ONLINE ACTIVITIES SUMMARY

| | | | |
|---|---|---|---|
| **Date:** | **30/05/2020** | **Name:** | **Anitha Lakshmi T N** |
| **Sem & Sec** | **8th- A** | **USN:** | **4AL16CS012** |

## Online Test Summary

| | | | |
|---|---|---|---|
| **Subject** | **-** | | |
| **Max. Marks** | **-** | **Score** | **-** |

## Certification Course Summary

| | | | |
|---|---|---|---|
| **Course** | **Master Python language – Mysql connector** | | |
| **Certificate Provider** | **Udemy** | **Duration** | **3 hours** |

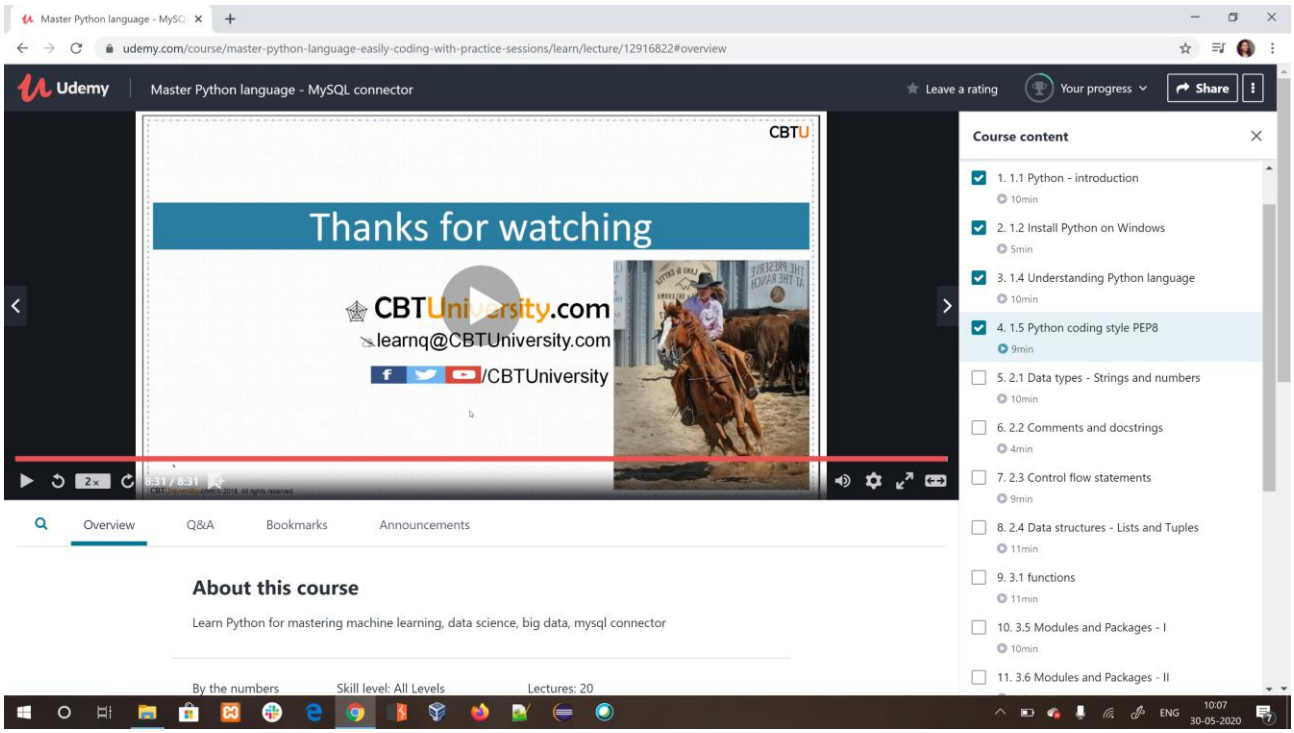
## Coding Challenges

**Problem Statement:**
**1) Write a C Program to generate first N Armstrong Numbers.**

**Status: Executed**

| | |
|---|---|
| **Uploaded the report in Github** | **Yes** |
| **If yes Repository name** | **Anitha_lakshmi** |
| **Uploaded the report in slack** | **Yes** |

## Certification Course Details:



## Coding Challenges Details:

```
#include <stdio.h>

int check_armstrong(int);
int power(int, int);

int main ()
{
  int c, a, b;

  printf("Input two integers\n");
  scanf("%d%d", &a, &b);

  for (c = a; c <= b; c++)
    if (check_armstrong(c) == 1)
      printf("%d\n", c);

  return 0;
}

int check_armstrong(int n) {
  long long sum = 0, t;
  int remainder, digits = 0;

  t = n;

  while (t != 0) {
    digits++;
    t = t/10;
  }

  t = n;

  while (t != 0) {
    remainder = t%10;
    sum = sum + power(remainder, digits);
    t = t/10;
  }

  if (n == sum)
    return 1;
  else
    return 0;
}

int power(int n, int r) {
  int c, p = 1;

  for (c = 1; c <= r; c++)
    p = p*n;
```

```
  return p;
}
```