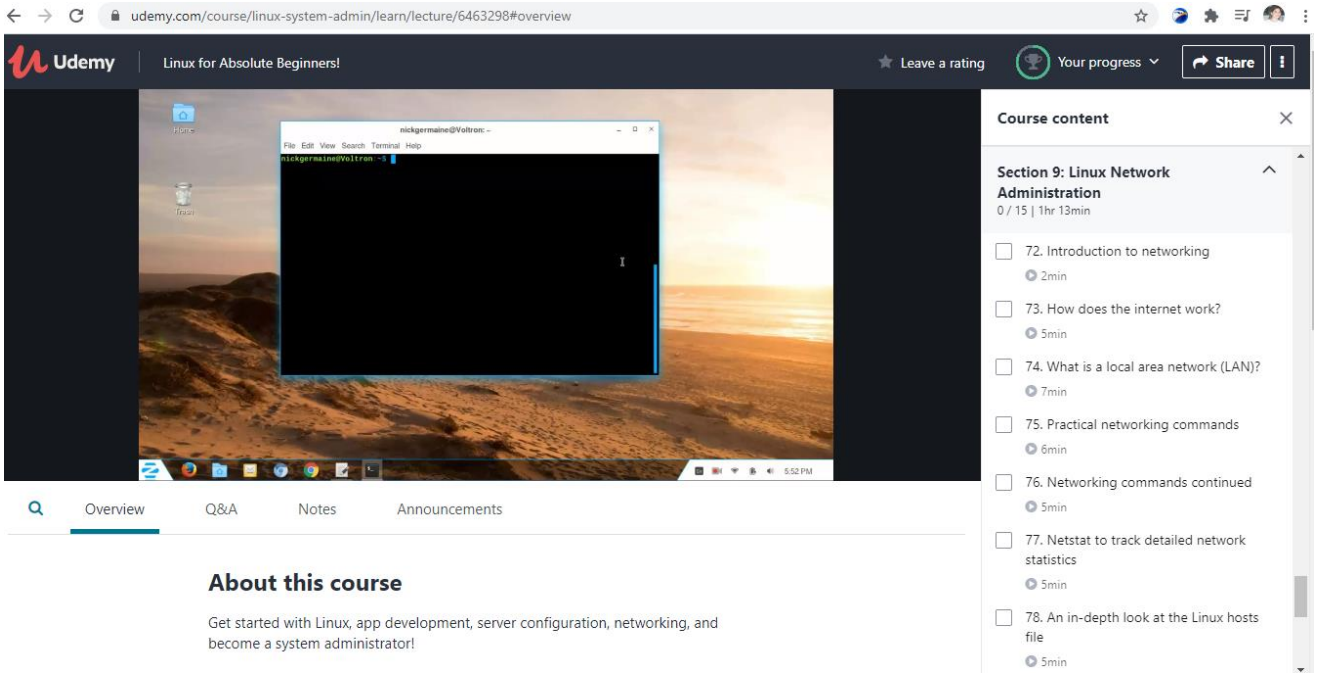
DAILY ONLINE ACTIVITIES SUMMARY

Date:	**01/07/2020**	**Name:**	**Divya C H**
Sem & Sec	**8th Sem**	**USN:**	**4AL16CS033**
Online Test Summary			
Subject	- -		
Max. Marks	- -	**Score**	- -
Certification Course Summary			
Course	**Linux for Absolute Beginners**		
Certificate Provider	**Udemy**	**Duration**	**7.5 hrs**
Coding Challenges			
Problem Statement: Write a C Program to generate first n Ugly Numbers			
Status: Completed			
Uploaded the report in Github	**Yes**		
If yes Repository name	**Daily_report**		
Uploaded the report in slack	**yes**		

Online Test Details:

- -

Certification Course Details:



Coding challenge:

Peogram 1:

```
# include<stdio.h>

# include<stdlib.h>


/*This function divides a by greatest divisible
  power of b*/
int maxDivide(int a, int b)
{
  while (a%b == 0)
```

```
  a = a/b;
  return a;
}

/* Function to check if a number is ugly or not */
int isUgly(int no)
{
  no = maxDivide(no, 2);
  no = maxDivide(no, 3);
  no = maxDivide(no, 5);

  return (no == 1)? 1 : 0;
}

/* Function to get the nth ugly number*/
int getNthUglyNo(int n)
{
  int i = 1;
  int count = 1; /* ugly number count */

  /*Check for all integers untill ugly count
    becomes n*/
  while (n > count)
  {
    i++;
```

```
    if (isUgly(i))
      count++;
  }
  return i;
}

/* Driver program to test above functions */
int main()
{
    int n,i;
    printf("Enter the number: ");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        unsigned no = getNthUglyNo(i);
        printf("%d ", no);
    }
    printf("\n");
    return 0;
}
```