DAILY ONLINE ACTIVITIES SUMMARY

Date:	**08-07-2020**	**Name:**	**Ainab**
Sem & Sec	**VIII Semester & A Section**	**USN:**	**4AL16CS004**

Online Test Summary

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

Certification Course Summary

Course	**Amazon DynamoDB for Serverless Architectures**		
Certificate Provider	**Amazon Web Service**	**Duration**	**2hours**

Coding Challenges

Problem Statement: Write a program to find ugly numbers.	
Status: COMPLETED	
Uploaded the report in Github	**YES**
If yes Repository name	**Ainab004**
Uploaded the report in slack	**YES**

Online Test Details:

NIL

Certification Course

Coding Challenges Details:

Program1:

```
# 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;
}
```