

DAILY ONLINE ACTIVITIES SUMMARY

Date:	06/06/2020	Name:	Divya C H
Sem & Sec	8 th Sem	USN:	4AL16CS033
Online Test Summary			
Subject	Internet of Things		
Max. Marks	30	Score	30
Certification Course Summary			
Course	Complete Python 3 Bootcamp		
Certificate Provider	Udemy	Duration	24 hrs
Coding Challenges			
Problem Statement: Write a program in C to rotate an array by N positions.			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		Daily_report	
Uploaded the report in slack		yes	

Online Test Details:

The screenshot shows a Gmail interface with a browser window open at mail.google.com. The email is from TechGig (user@techgig.com) and is titled 'Divya C H, Round 1 cleared'. The email content includes a congratulatory message for clearing Round 1 and scoring 30/30 in IoT IA4. It also features a 'View Achievement' button and a section titled 'About The Assessment' which mentions 'IoT IA4' and 'Round 1 ends on: 06 Jun, 2020 (1 Hour)'. The email is dated Saturday, June 6, 10:27 AM (5 days ago). The left sidebar shows the inbox with 1,860 emails, and the bottom taskbar shows various application icons.

Certification Course Details:

The screenshot shows the Udemy course page for 'Complete Python 3 Bootcamp™ -Python Programming from Scratch'. The course is by Jose Portilla and has a rating of 4.5 stars. The course content is listed on the right, including sections on Introduction, Basics of Python, Arithmetic Operations, Functions and Modules, Strings, Control and Flow, and File Processing. The main video player shows a Jupyter Notebook with Python code for a practice question. The code defines two random numbers, num1 and num2, and calculates their sum, product, and power. The output shows the sum as 8 and the product as 32776.

Coding challenge:

Program 1:

```
#include <stdio.h>

void leftRotatebyOne(int arr[], int n);
void leftRotate(int arr[], int d, int n)
{
    int i;

    for (i = 0; i < d; i++)
        leftRotatebyOne(arr, n);
}

void leftRotatebyOne(int arr[], int n)
{
    int temp = arr[0], i;

    for (i = 0; i < n - 1; i++)
        arr[i] = arr[i + 1];

    arr[i] = temp;
}

void printArray(int arr[], int n)
{
    int i;

    for (i = 0; i < n; i++)
```

```

        printf("%d ", arr[i]);

                                printf("\n");
    }

    int main()
    {

                                int n,d;

                                printf("Enter the size of array:");

                                scanf("%d",&n);

                                int arr[n];

                                printf("\nEnter the array elements :\n");

                                for(int i=0;i<n;i++)

                                        scanf("%d",&arr[i]);

                                printf("Enter the Position N from where you want to
rotate : ");

                                scanf("%d",&d);

                                leftRotate(arr,d,n);

                                printArray(arr, n);

                                return 0;

    }

```

