DAILY ONLINE ACTIVITIES SUMMARY

Date:	3/07/2020	Name:	Nagashree D
Sem & Sec	8th A	USN:	4AL16CS055

Online Test Summary

Subject	--		
Max. Marks	-	Score	-

Certification Course Summary

Course	1) Robotic Process Automation (RPA) 2) Introduction to ethical hacking 3) Introduction to cyber security 4) Introduction to Hadoop		
Certificate Provider	1) GUVI 2) Great learning Academy	Duration	RPA – 4 Hrs Ethical hacking - 6 Hrs Cyber Security - Hrs Hadoop – 4 Hrs

Coding Challenges

Problem Statement: Calculate Difference Between Two Time Periods

Status: Solved

Uploaded the report in Github	Yes
If yes Repository name	Nagashreed
Uploaded the report in slack	Yes

Online Test Details:

Certification Course Details

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Learning for Life

Certificate of completion

Presented to

Nagashree D

For successfully completing a free online course
Introduction to Ethical Hacking

Provided by
Great Learning Academy
(On May 2020)

To verify this certificate visit verify.greatlearning.in/VUUXFOUV

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Introduction to Cyber Security

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GUVI
tech deserves you

Nagashree D

is here by awarded the certificate of achievement for

the successful completion of

Step into Robotic Process Automation

during GUVI's RPA SKILL-A-THON 2020

S.P.Balamurugan

S.P.Balamurugan

Co-founder, CEO

Valid certificate ID 5n0817rIOB597A17YN

Verified certificate issue on June 2 2020

Verify certificate at www.guvi.in/certificate?id=5n0817rIOB597A17YN

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Coding Challenges Details:

```c
#include <stdio.h>

struct TIME {
  int seconds;
  int minutes;
  int hours;
};


void differenceBetweenTimePeriod(struct TIME t1,
                 struct TIME t2,
                 struct TIME *diff);


int main() {
  struct TIME startTime, stopTime, diff;


  printf("Enter the start time. \n");
  printf("Enter hours, minutes and seconds: ");
  scanf("%d %d %d", &startTime.hours,
      &startTime.minutes,
      &startTime.seconds);


  printf("Enter the stop time. \n");
  printf("Enter hours, minutes and seconds: ");
  scanf("%d %d %d", &stopTime.hours,
      &stopTime.minutes,
```

```c
                &stopTime.seconds);


    // Difference between start and stop time

    differenceBetweenTimePeriod(startTime, stopTime, &diff);

    printf("\nTime Difference: %d:%d:%d - ", startTime.hours,

        startTime.minutes,

        startTime.seconds);

    printf("%d:%d:%d ", stopTime.hours,

        stopTime.minutes,

        stopTime.seconds);

    printf("= %d:%d:%d\n", diff.hours,

        diff.minutes,

        diff.seconds);

    return 0;

}


// Computes difference between time periods

void differenceBetweenTimePeriod(struct TIME start,

                    struct TIME stop,

                    struct TIME *diff) {

    while (stop.seconds > start.seconds) {

        --start.minutes;

        start.seconds += 60;

    }

    diff->seconds = start.seconds - stop.seconds;
```

```
  while (stop.minutes > start.minutes) {

    --start.hours;

    start.minutes += 60;

  }

  diff->minutes = start.minutes - stop.minutes;

  diff->hours = start.hours - stop.hours;

}
```