

DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/07/2020	Name:	Deepa
Sem & Sec	8 th Sem	USN:	4AL16CS029
Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	HTML For Internet Marketers - Basic		
Certificate Provider	Udemy	Duration	6hrs
Coding Challenges			
ProblemStatement: WriteaCprogramtofindpossible numberofdecodingofa given digits sequence			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		Daily_report	
Uploaded the report in slack		yes	

Online Test Details:

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Certification Course Details:

10:54 4G 16.0 KB/S

VO
LTE 72

HTML, WORDPRESS and CSS for Int...

✓ 99. Hack 2

▶ 4min

✓ 100. Hack 3

▶ 7min

✓ 101. List building

▶ 7min

Section 8: 228 HTML & PSD DESIGNS LIBRARY + More than 2000 Stock Images

3 / 3 | 2min

✓ 102. 228 HTML & PSD DESIGNS & TEMPLATES
LIBRARY

▶ 1min

✓ 103. Coffee Making HTML PSD Design
Template Sample

▶ 1min

✓ 104. More than 2000 Stock Images

▶ 1min

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Coding challenge:

Program 1:

```
#include <stdio.h>

#include <string.h>

int count_decoding_digits(char *digits, int n)
{
    int count[n+1]; // An array to store results of subproblems
    count[0] = 1;
    count[1] = 1;
    for (int i = 2; i <= n; i++)
    {
        count[i] = 0;
        // If the last digit != 0, then the last digit must add to the number of words
        if (digits[i-1] > '0')
            count[i] = count[i-1];
        // If second last digit is smaller than 2 and last digit is smaller than 7, then last two digits form a valid character
        if (digits[i-2] == '1' || (digits[i-2] == '2' && digits[i-1] < '7'))
```

```
count[i] +=count[i-2];
}
return count[n];
}
int main()
{
char digits[15];
printf("\nEnter the digit sequence : ");

gets(digits);

int n = strlen(digits);

printf("\nPossiblecountofdecodingofthesequence:%d\n",
count_decoding_digits(digits,n));

return 0;

}
```

