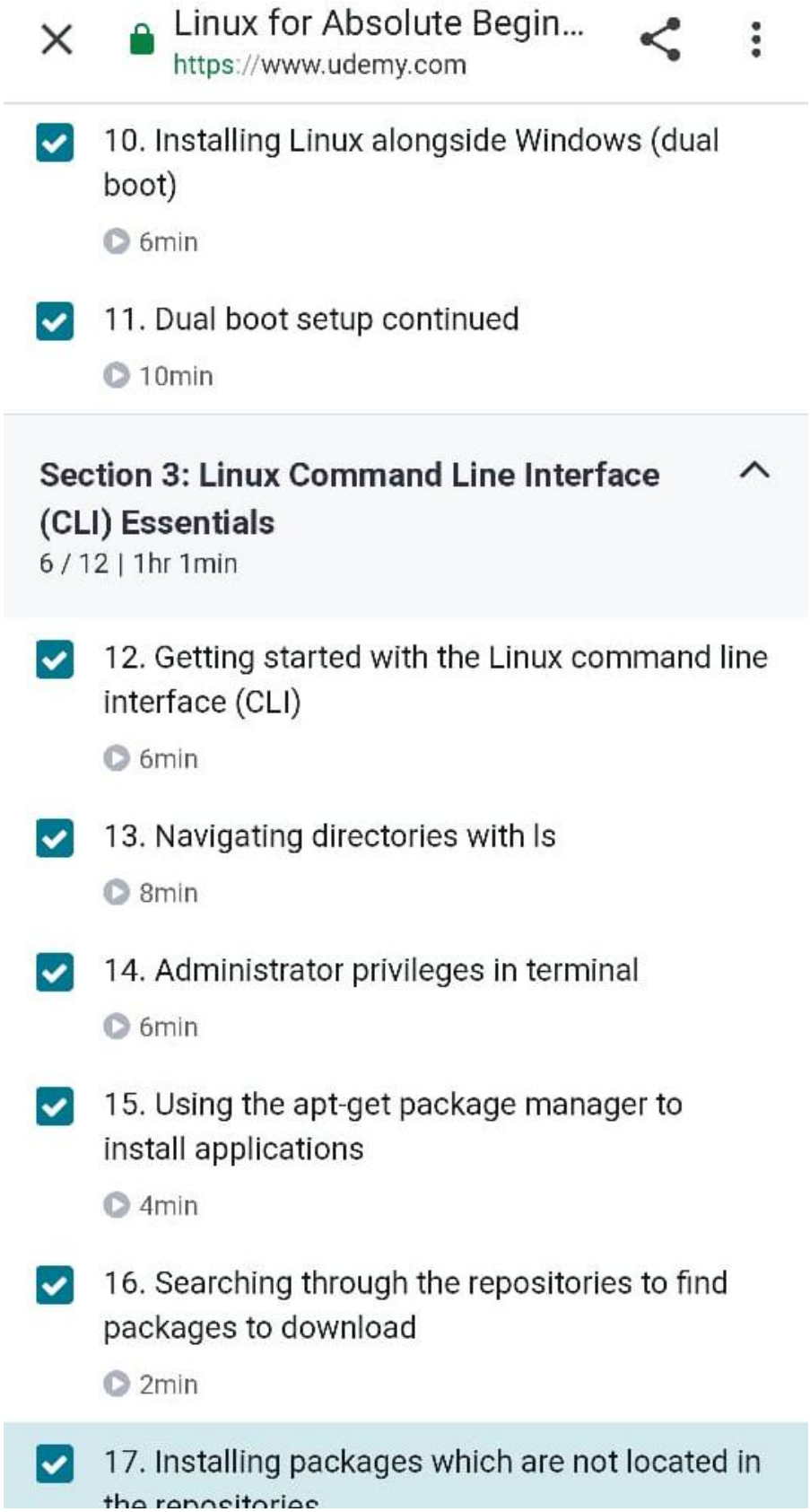
DAILY ONLINE ACTIVITIES SUMMARY

Date:	**02/07/2020**	**Name:**	**Deepa**
Sem & Sec	**8th Sem**	**USN:**	**4AL16CS029**
Online Test Summary			
Subject	**System Model-ling and Simulation**		
Max. Marks	**30**	**Score**	**- -**
Certification Course Summary			
Course	**Linux for absolute beginners**		
Certificate Provider	**Udemy**	**Duration**	**8 hrs**
Coding Challenges			
Problem Statement: Write a C program to Sort strings in Lexicographical Order			
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 <string.h>

int main() {
  char str[5][50], temp[50];
  printf("Enter 5 words: ");

  // Getting strings input
  for (int i = 0; i < 5; ++i) {
    fgets(str[i], sizeof(str[i]), stdin);
  }

  // storing strings in the lexicographical order
  for (int i = 0; i < 5; ++i) {
    for (int j = i + 1; j < 5; ++j) {

      // swapping strings if they are not in the lexicographical order
      if (strcmp(str[i], str[j]) > 0) {
        strcpy(temp,  str[i]);
        strcpy(str[i], str[j]);
        strcpy(str[j],  temp);
      }
    }
  }
```

```
    printf("\nIn the lexicographical order: \n");
    for (int i = 0; i < 5; ++i) {
      fputs(str[i], stdout);
    }
     printf("\n");
    return 0;
}
```