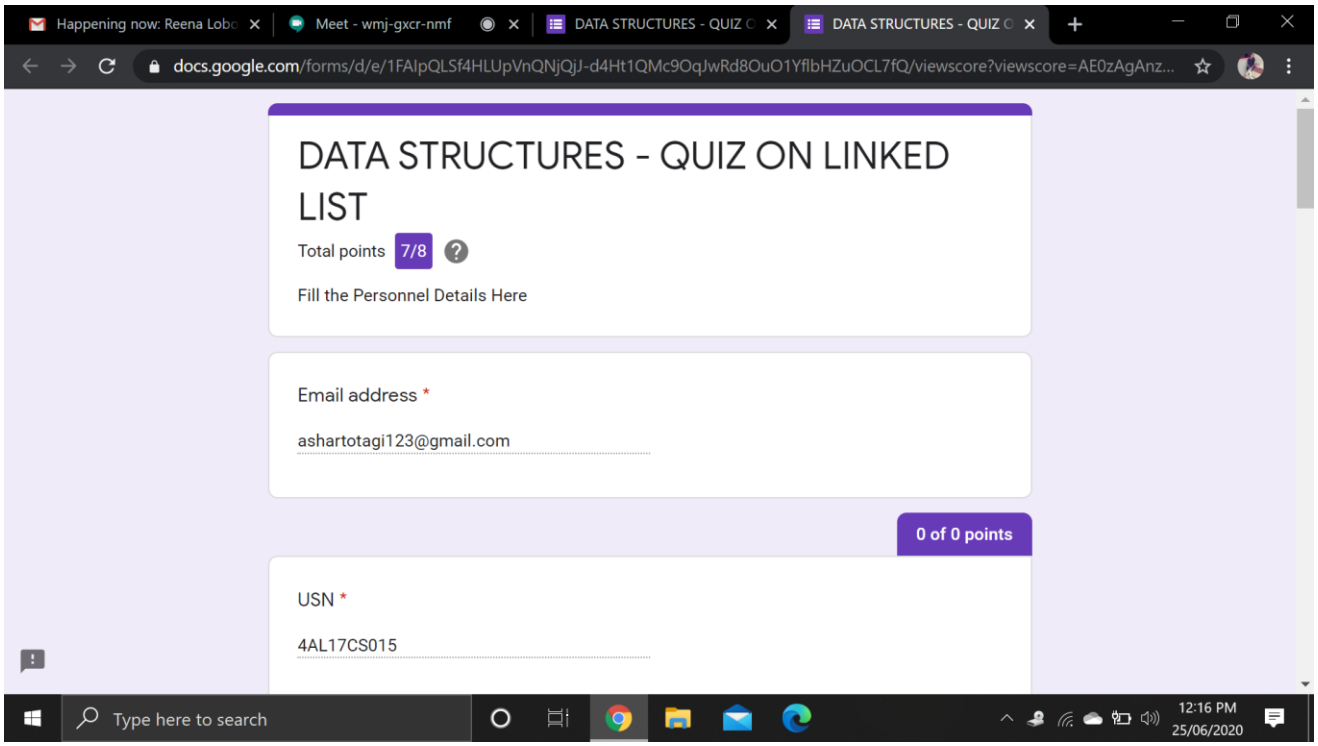
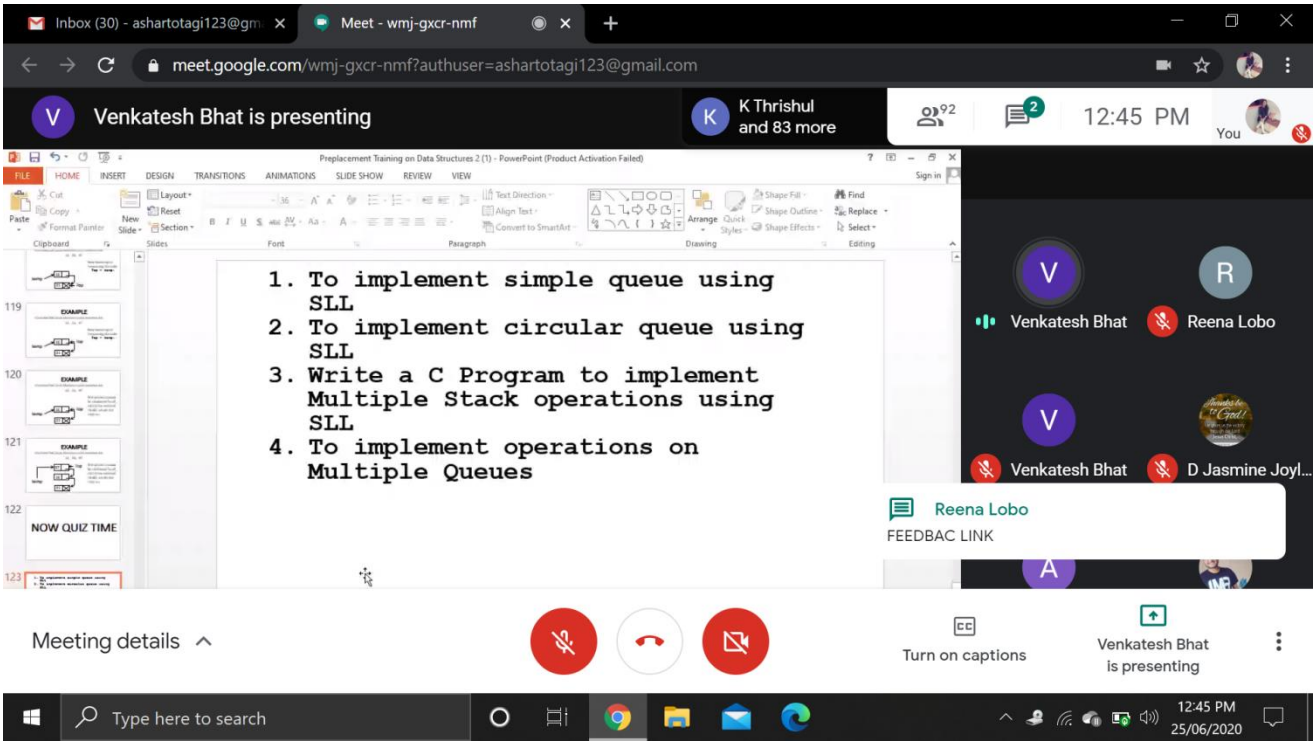
DAILY ONLINE ACTIVITIES SUMMARY

Date:	**25 June 2020**	**Name:**	**Asha Rudrappa Totagi**
Sem& Sec	**6th sem& A sec**	**USN:**	**4AL17CS015**
Pre-Placement Training Summary			
Subject	**9:15 am to 11:15 am - JSP** **11:15 am to 1:00pm - Programming challenges on Linked List**		
Faculty	**1. Mr. Sayeesh** **2. Mr. Venkatesh**	**Duration**	**1. 2 hours** **2. 2 hours**
Online Coading			
Problem Statement **Program 1:** Write a program to print all permutations of a given string.			
Status: DONE			
Uploaded the report in Github		**YES**	
If yes Repository name		**Daily Status**	
Uploaded the report in slack		**YES**	

Online Pre-placement Training





Online Coding:

Program 1:

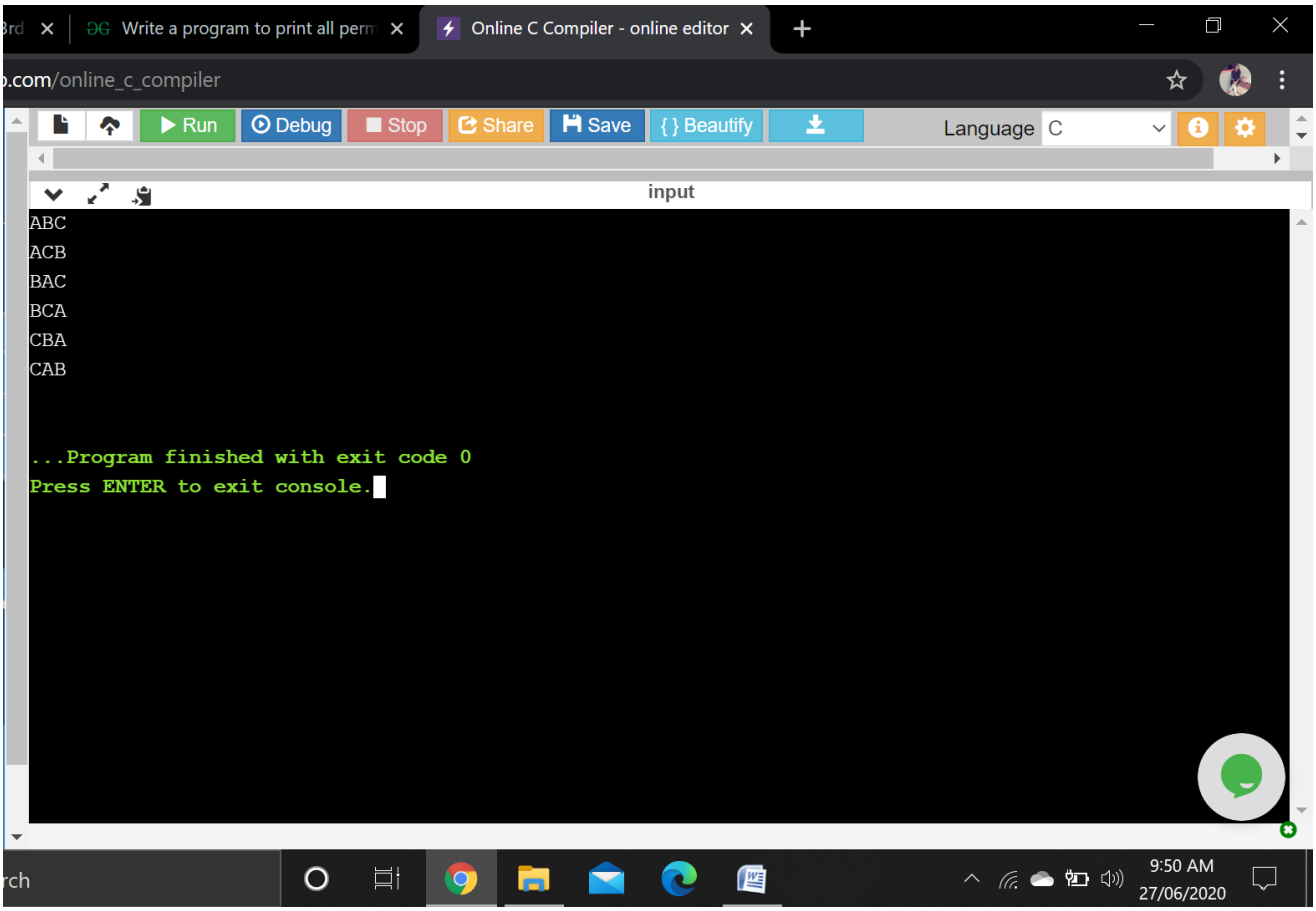
```
#include <stdio.h>
#include <string.h>

void swap(char *x, char *y)
{
    char temp;
    temp = *x;
    *x = *y;
    *y = temp;
}

void permute(char *a, int l, int r)
{
   int i;
   if (l == r)
     printf("%s\n", a);
   else
   {
       for (i = l; i <= r; i++)
       {
          swap((a+l), (a+i));
          permute(a, l+1, r);
          swap((a+l), (a+i)); //backtrack
       }
   }
}

int main()
{
    char str[] = "ABC";
    int n = strlen(str);
    permute(str, 0, n-1);
    return 0;
}
```

Output :


Write a program to print all perm
Online C Compiler - online editor
.com/online_c_compiler
Run
Debug
Stop
Share
Save
{ } Beautify
Language
C
input
ABC
ACB
BAC
BCA
CBA
CAB
...Program finished with exit code 0
Press ENTER to exit console.
9:50 AM
27/06/2020