DAILY ONLINE ACTIVITIES SUMMARY

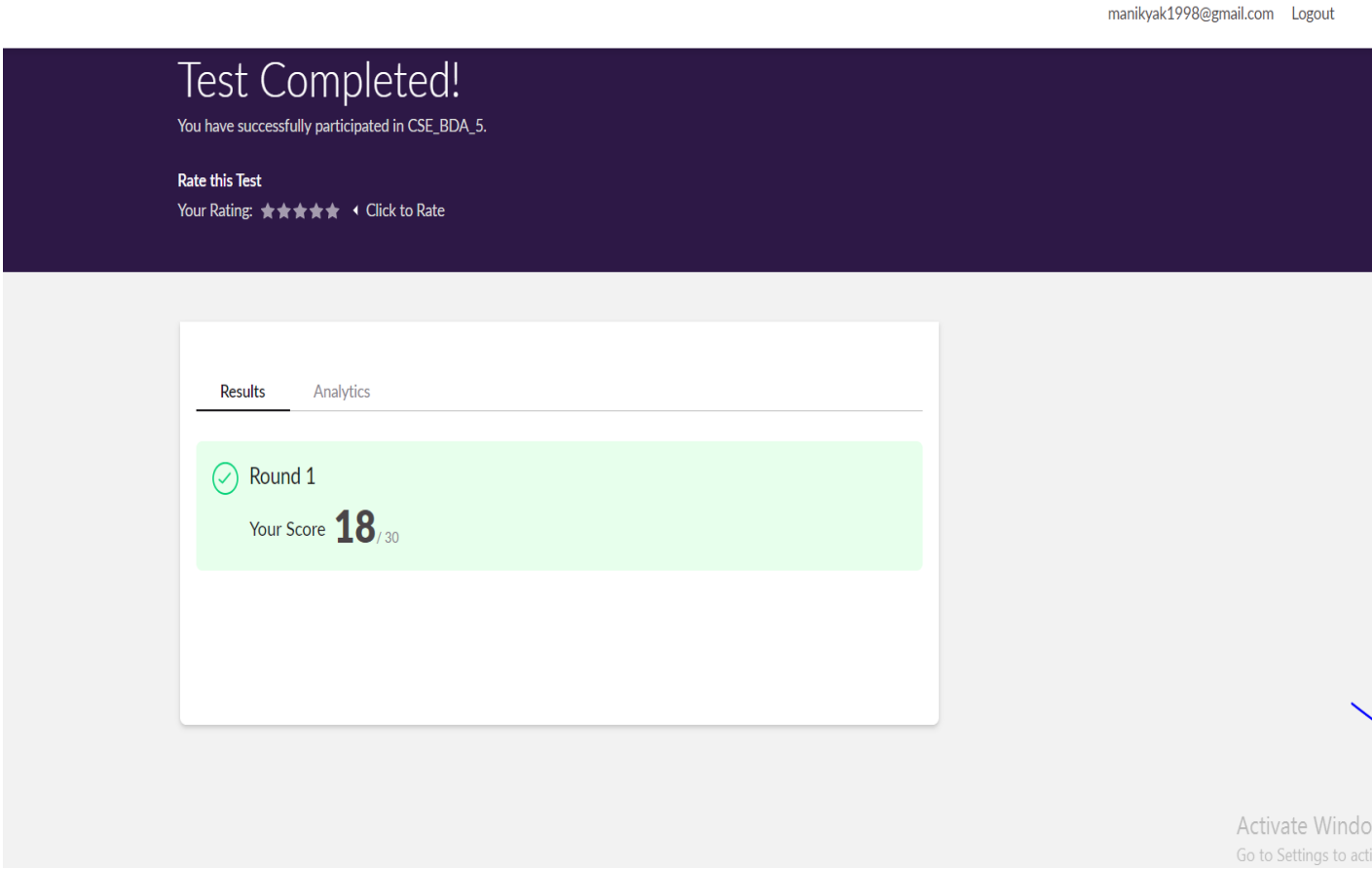
Date:	**05-06-2020**	**Name:**	**Manikya K**
Sem & Sec	**8th,A**	**USN:**	**4AL16CS050**
Online Test Summary			
Subject	**BDA**		
Max. Marks	**30**	**Score**	**18**
Certification Course Summary			
Course	**1) Robotic Process Automation (RPA)** **2) Introduction to ethical hacking** **3) Introduction to cyber security** **4) Introduction to Hadoop**		
Certificate Provider	**1) GUVI** **2) Great learner academy**	**Duration**	**RPA – 4 Hrs** **Ethical hacking - 6 Hrs** **Cyber Security - 7 Hrs** **Hadoop – 4 Hrs**
Coding Challenges			
Problem Statement: C program to design Login Screen by validation username and password			
Status: Solved			
Uploaded the report in Github	**Yes**		
If yes Repository name	**manikya-20**		
Uploaded the report in slack	**Yes**		

Online Test Details: (Attach the snapshot and briefly write the report for the same)

Certification Course Details: (Attach the snapshot and briefly write the report for the same)

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same

1) Online Test Details:



1) Certification Course Details:

A) Robotic process Automation:

B) Introdution to ethical hacking:

C) Introduction to Cyber Security:

D) Introduction to Hadoop:

2) Coding Challenges:

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

#define USERNAME    "user001"
#define PASSWORD    "ok@123"

static struct termios old, new;

/* Initialize new terminal i/o settings */
void initTermios(int echo)
{
  tcgetattr(0, &old); /* grab old terminal i/o settings */
  new = old; /* make new settings same as old settings */
  new.c_lflag &= ~ICANON; /* disable buffered i/o */
  new.c_lflag &= echo ? ECHO : ~ECHO; /* set echo mode */
  tcsetattr(0, TCSANOW, &new); /* use these new terminal i/o settings
now */
}

void resetTermios(void)
{
  tcsetattr(0, TCSANOW, &old);
}

char getch_(int echo)
{
  char ch;
  initTermios(echo);
  ch = getchar();
  resetTermios();
  return ch;
}

char getch(void)
{
  return getch_(0);
}
```

```
char getche(void)
{
  return getch_(1);
}


void getPassword(char *pass)
{
    int c=0;
    char buff[30]={0},ch;
    int len=0;
    while((ch=getch())!='\n')
    {
        if(ch==0x7f)    // use 0x08 in turboc (WINDOWS)
        {
            if(len==0)  continue;
            printf("\b \b"); len--; continue;
        }
        printf("%c",'*');
        pass[len]=ch;
        len++;
    }
    pass[len]='\0';

}

int main()
{

    char user[30],pass[30];
    printf("Enter User Name :");
    gets(user);
    printf("Enter Password  :");
    getPassword(pass);

    if(strcmp(user,USERNAME)==0 && strcmp(pass,PASSWORD)==0)
        printf("\nLOGIN SUCCESS.\n");
    else
        printf("\nLOGIN FAILED.\n");
    return 0;
}
```