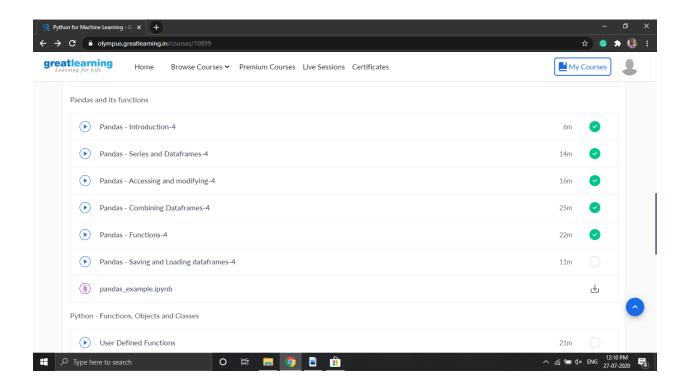
DAILY ONLINE ACTIVITIES SUMMARY

Date:	27-07-2020		Name:	Nayan. P. Joshi	
Sem & Sec	8 th Sem A		USN:	4AL16CS058	
Online Test Summary					
Subject					
Max. Marks			Score		
Certification Course Summary					
Course	Python for Machine Learning				
Certificate Provider		Great learning academy	Duration	2hrs	
Coding Challenges					
Problem Statement: C Program to convert Binary Number to Octal and vice					
versa					
Status: Solved					
Uploaded th	e report i	n GitHub	Yes		
If yes Repository name			nayan1998		
Uploaded the report in slack			Yes		



```
#include <math.h>
#include <stdio.h>
int convert(long long bin);
int main() {
  long long bin;
  printf("Enter a binary number: ");
  scanf("%lld", &bin);
  printf("%lld in binary = %d in octal", bin, convert(bin));
  return 0;
}
int convert(long long bin) {
  int oct = 0, dec = 0, i = 0;
  // converting binary to decimal
  while (bin != 0) {
     dec += (bin \% 10) * pow(2, i);
     ++i;
     bin /= 10;
  i = 1;
  // converting to decimal to octal
```

```
while (dec != 0) {
    oct += (dec % 8) * i;
    dec /= 8;
    i *= 10;
}
return oct;
}
```