DAILY ONLINE ACTIVITIES SUMMARY

Date:	24/07/2020	Name:	Gautham Prabhu
Sem & Sec	8th Sem	USN:	4AL16CS035

Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -

Certification Course Summary			
Course	JavaScript, Bootstrap, & PHP - Certification for Beginners		
Certificate Provider	Udemy	Duration	3 hrs

Coding Challenges	
Problem Statement: Write a C program to check weather given number can be expressed in sum of two prime numbers.	
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:
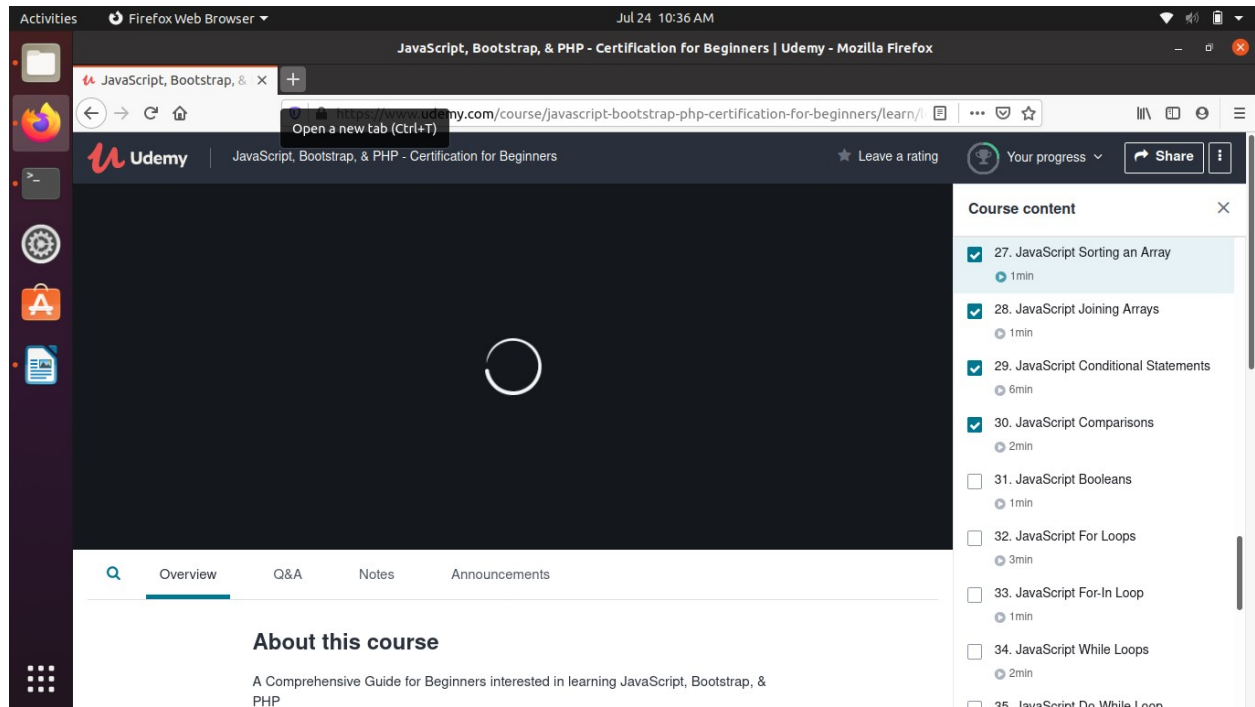
Coding challenge:

Program 1:

```c
#include <stdio.h>

int sum_of_two_primes(int n);

int main()
{
int n, i;
printf("Enter the number: ");
scanf("%d", &n);
```
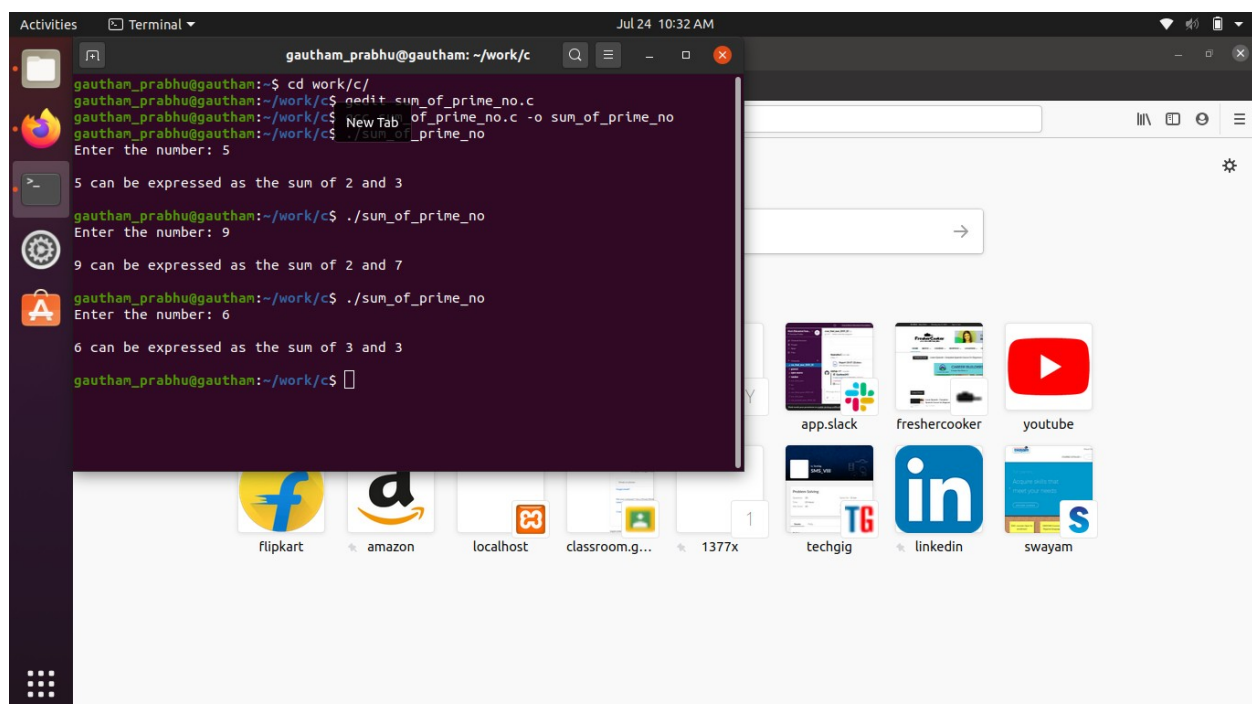
```c
int flag = 0;
for(i = 2; i <= n/2; ++i)
{
if (sum_of_two_primes(i) == 1)
{
if (sum_of_two_primes(n-i) == 1)
{
printf("\n%d can be expressed as the sum of %d and %d\n\n", n, i, n - i);
flag = 1;
}
}
}


if (flag == 0)
printf("%d cannot be expressed as the sum of two prime numbers\n", n);


return 0;
}


int sum_of_two_primes(int n)
{
int i, isPrime = 1;
for(i = 2; i <= n/2; ++i)
{
if(n % i == 0)
```

```
{

isPrime = 0;

break;

}

}

return isPrime;

}
```