

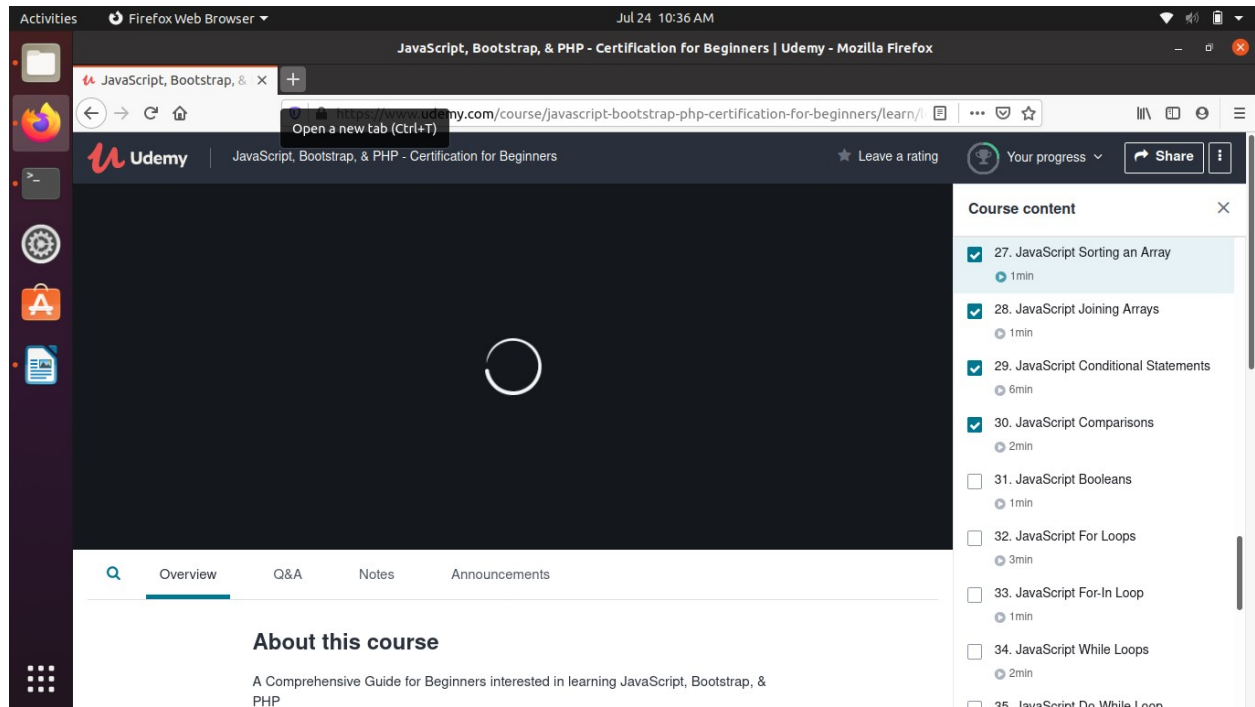
**DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>24/07/2020</b>	<b>Name:</b>	<b>Gautham Prabhu</b>
<b>Sem &amp; Sec</b>	<b>8<sup>th</sup> Sem</b>	<b>USN:</b>	<b>4AL16CS035</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>- -</b>		
<b>Max. Marks</b>	<b>- -</b>	<b>Score</b>	<b>- -</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>JavaScript, Bootstrap, &amp; PHP - Certification for Beginners</b>		
<b>Certificate Provider</b>	<b>Udemy</b>	<b>Duration</b>	<b>3 hrs</b>
<b>Coding Challenges</b>			
<b>Problem Statement: Write a C program to check weather given number can be expressed in sum of two prime numbers.</b>			
<b>Status: Completed</b>			
<b>Uploaded the report in Github</b>		<b>Yes</b>	
<b>If yes Repository name</b>		<b>Daily_report</b>	
<b>Uploaded the report in slack</b>		<b>yes</b>	

## Online Test Details:

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## Certification Course Details:



## Coding challenge:

### Program 1:

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

```
int sum_of_two_primes(int n);
```

```
int main()
```

```
{
```

```
int n, i;
```

```
printf("Enter the number: ");
```

```
scanf("%d", &n);
```

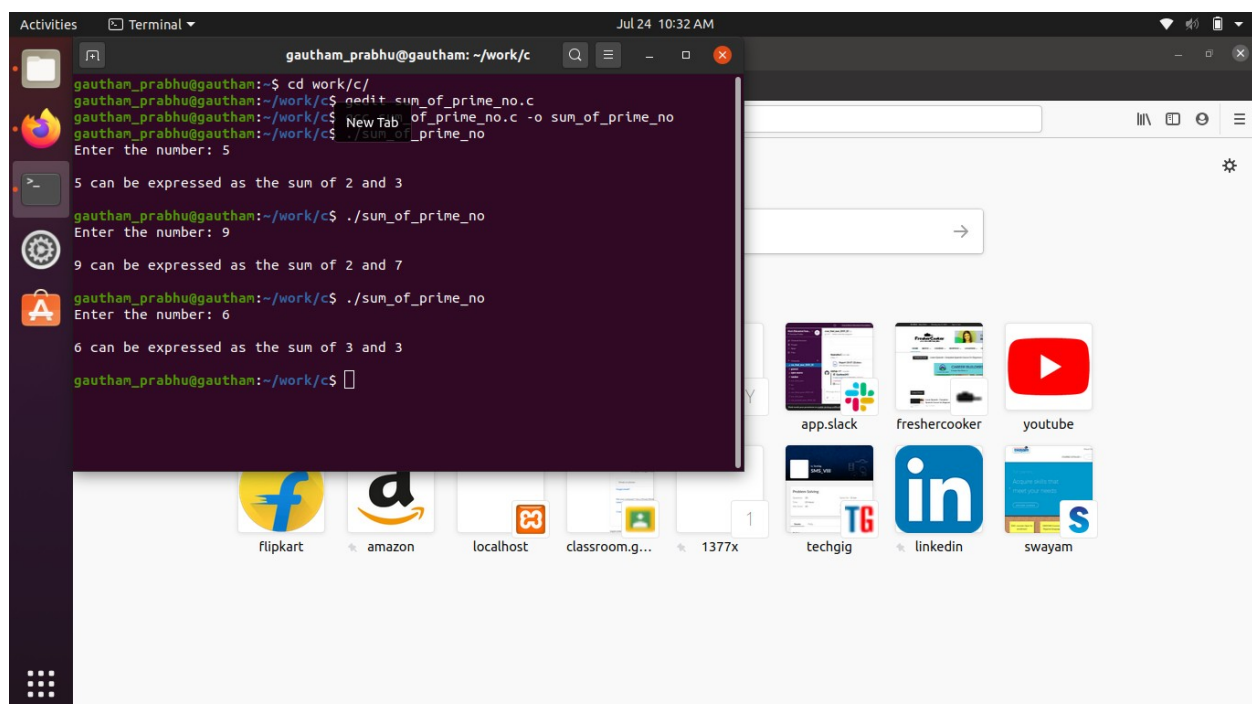
```
int flag = 0;
for(i = 2; i <= n/2; ++i)
{
    if (sum_of_two_primes(i) == 1)
    {
        if (sum_of_two_primes(n-i) == 1)
        {
            printf("\n%d can be expressed as the sum of %d and %d\n\n", n, i, n - i);
            flag = 1;
        }
    }
}

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;  
}
```



The screenshot shows a Linux desktop environment. A terminal window is open, displaying the following commands and output:

```
gautham_prabhu@gautham:~$ cd work/c/  
gautham_prabhu@gautham:~/work/c$ nedit sum_of_prime_no.c  
gautham_prabhu@gautham:~/work/c$ NewTab sum_of_prime_no.c -o sum_of_prime_no  
gautham_prabhu@gautham:~/work/c$ ./sum_of_prime_no  
Enter the number: 5  
5 can be expressed as the sum of 2 and 3  
gautham_prabhu@gautham:~/work/c$ ./sum_of_prime_no  
Enter the number: 9  
9 can be expressed as the sum of 2 and 7  
gautham_prabhu@gautham:~/work/c$ ./sum_of_prime_no  
Enter the number: 6  
6 can be expressed as the sum of 3 and 3  
gautham_prabhu@gautham:~/work/c$
```

The desktop background is dark. The dock at the bottom contains icons for flipkart, amazon, localhost, classroom.g..., 1377x, techgig, linkedin, and swayam. The top panel shows the date and time as Jul 24 10:32 AM.