



Name : Chandan Kumar Reddy E

Program : DevOps for Beginners

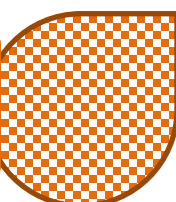
Date : Aug 14, 2021

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## Title: DevOps Essentials Assignment Day – 1

Assignment Task:

- Create a GitHub Account
- Create a Repository and create files
- Install Git in Your PC
- Launch Git Bash and Clone the Remote repository to the local Repository



- Creating a GitHub Account

Welcome to GitHub!  
Let's begin the adventure

Enter your email  
✓ ckrcisco@gmail.com

Create a password  
.....

Continue

Password is strong  
Make sure it's at least 15 characters OR at least 8 characters including a number and a lowercase letter.

By creating an account, you agree to the [Terms of Service](#). For more information about GitHub's privacy practices, see the [GitHub Privacy Statement](#). We'll occasionally send you account-related emails.

## Creating a Git Repository

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner \* Repository name \*

CKRCODE / Letsupgrade ✓

Great repository names are short and memorable. Need inspiration? How about sturdy-carnival?

Description (optional)

Assignment Test For Day 1

☐ Public  
Anyone on the internet can see this repository. You choose who can commit.

☒ Private  
You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

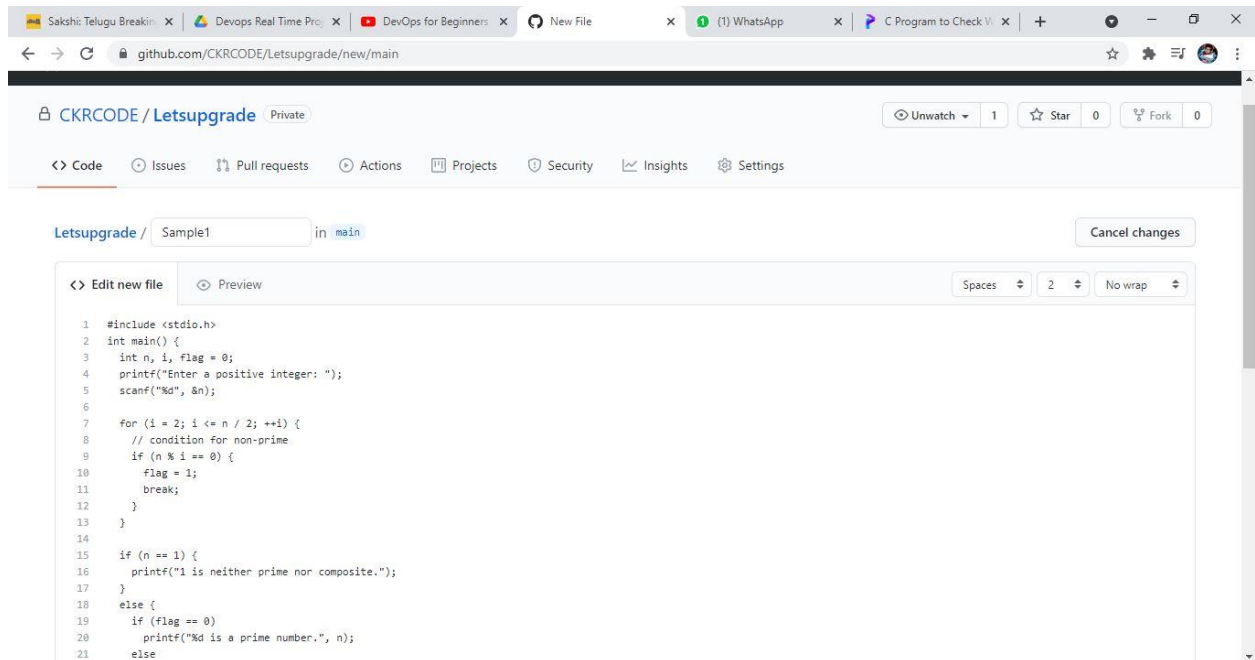
☐ Add a README file  
This is where you can write a long description for your project. [Learn more.](#)

☐ Add .gitignore  
Choose which files not to track from a list of templates. [Learn more.](#)

☐ Choose a license  
A license tells others what they can and can't do with your code. [Learn more.](#)

Create repository

- Creating files In to Inside Repository

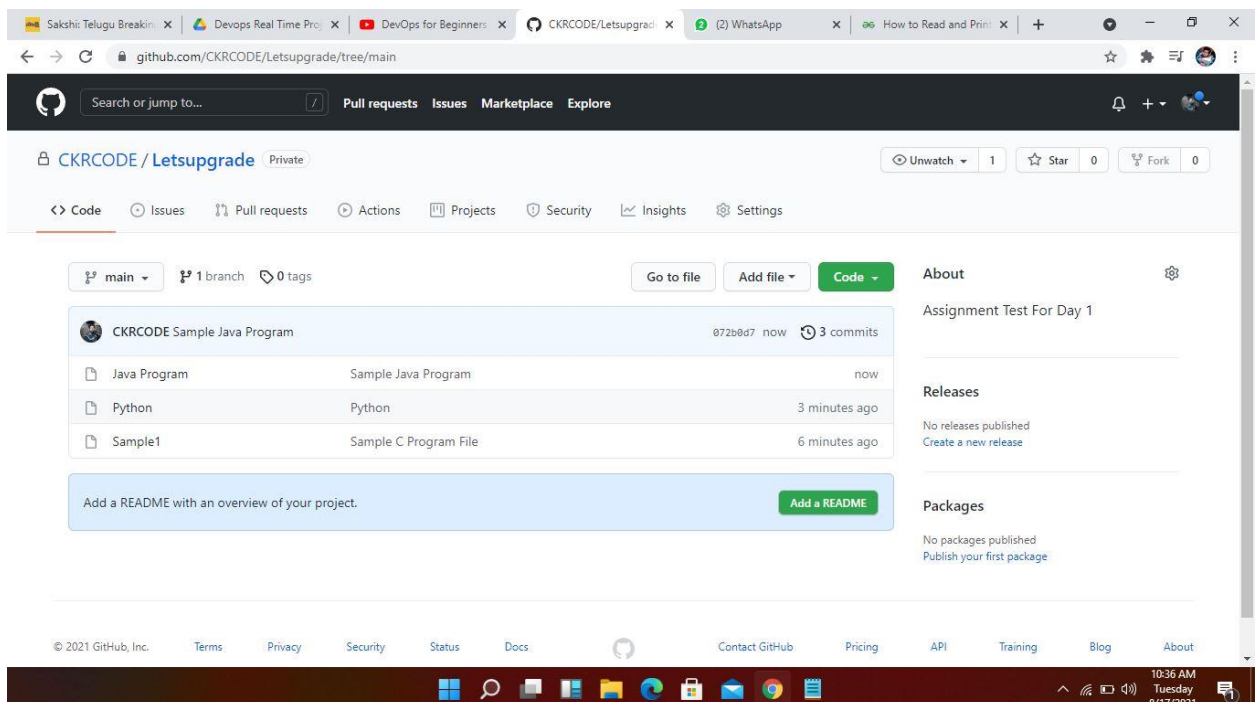


The screenshot shows the GitHub web interface for a repository named 'CKRCODE/Letsupgrade'. The 'Code' tab is selected, and a new file named 'Sample1' is being created in the 'main' branch. The code is a C program that checks if a number is prime. It includes a header file 'stdio.h', defines a 'main' function, and uses 'printf' and 'scanf' for input/output. A 'for' loop iterates from 2 to n/2, checking for divisibility. If a divisor is found, it sets a flag and breaks the loop. After the loop, it checks if the flag is set (non-prime) or if the number is 1 (neither prime nor composite). Otherwise, it prints that the number is a prime.

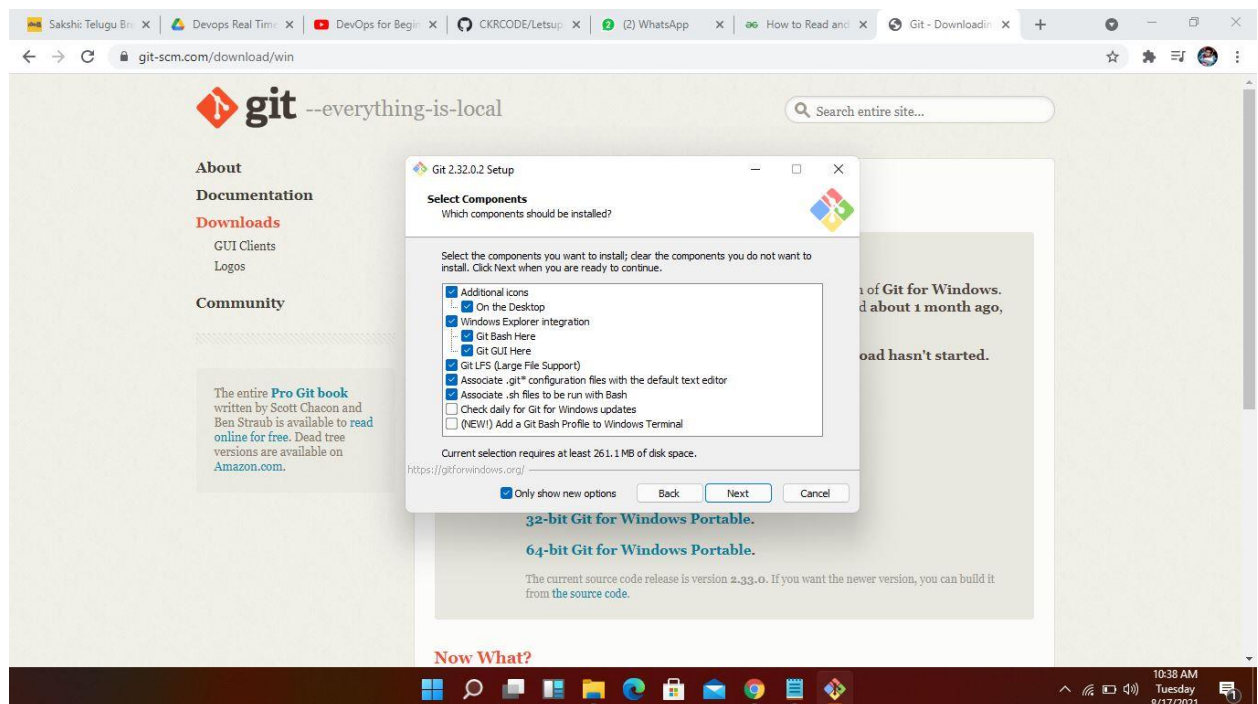
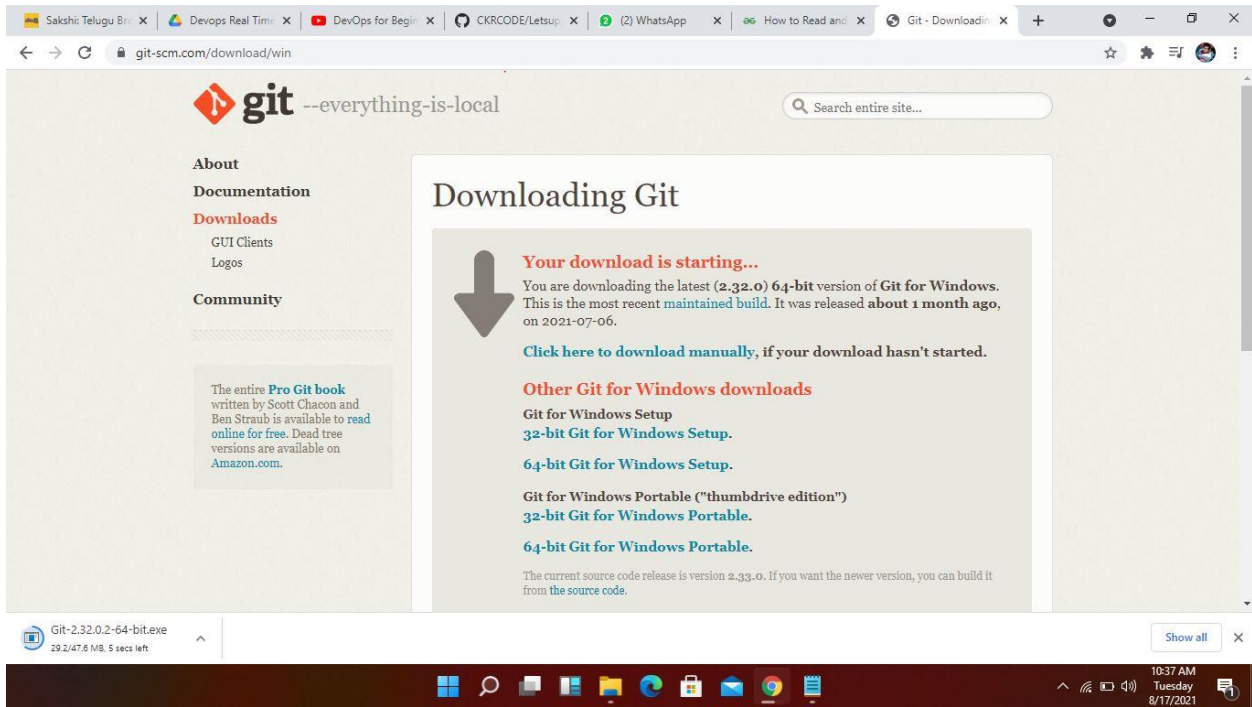
```
1 #include <stdio.h>
2 int main() {
3     int n, i, flag = 0;
4     printf("Enter a positive integer: ");
5     scanf("%d", &n);
6
7     for (i = 2; i <= n / 2; ++i) {
8         // condition for non-prime
9         if (n % i == 0) {
10             flag = 1;
11             break;
12         }
13     }
14
15     if (n == 1) {
16         printf("1 is neither prime nor composite.");
17     }
18     else {
19         if (flag == 0)
20             printf("%d is a prime number.", n);
21     }
```

- List of Created files in Git-Hub Repository

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- Install Git in Your PC



- Launch Git Bash and Clone the Remote repository to the local Repository

