**DAY05**

\*when we want add a file in github, first we need to save the file in our command prompt.  
\*Then we need to add it to local drive using git add filename.  
\*Then we need to commit to the changes and it wil save in local repository with reference  
repository.  
\*Then we need to push it to global repository with git push origin main.

Code Coverage Analysis using gcov:  
\*It is used to know how much code is being executed from all the code during execution.  
\*code coverage tools like gcov, help us to know which lines of the code have been executed.  
\*$gcc -f-profile-arcs -ftest<file1.c>  
\*please note that “gcov notes” file get created after the above command.  
\*”gcov notes” will be in binary format and to convert it into informational format use “gcov  
filename”  
\*It is helpful for unit test case.

Static Analysis using splint:  
\*It is used for uninitializeb variables which are wild pointers  
Ex: int \*ptr;  
Printf(“%d”,\*ptr);  
\*Here \*ptr is not initialized to anything.so, it can crash the program or it can give garbage value.  
\*To install splint if it is not present : $audo apt install splint.  
\*To use command splint filename.