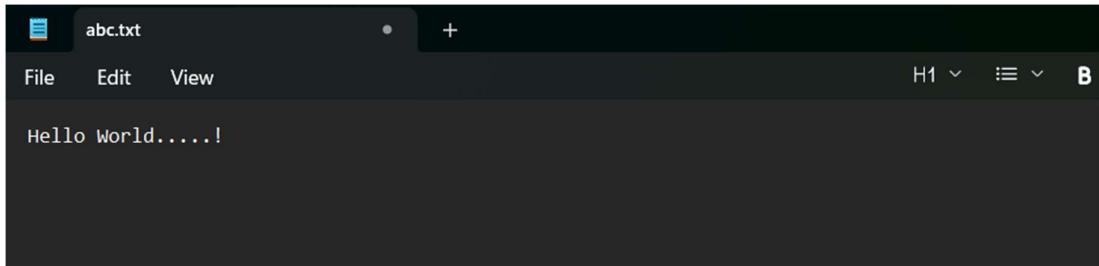


## ASSIGNMENT – II

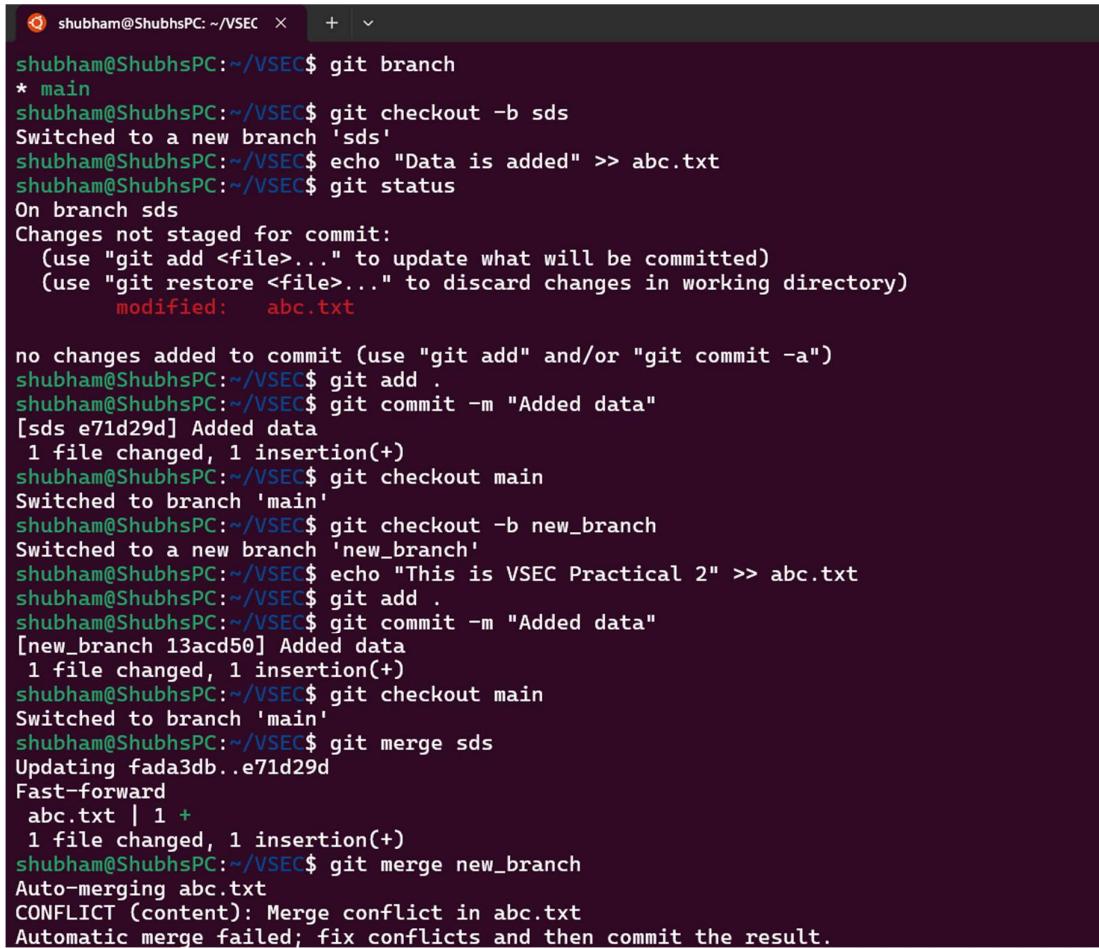
### TITLE :

Create feature branches for the project, merge them, and resolve conflicts to maintain separate workspaces for team collaboration.

**NAME :** Shinde Shubham Dnyandev.    **ROLL NO :** 23107121.    **BATCH :** B

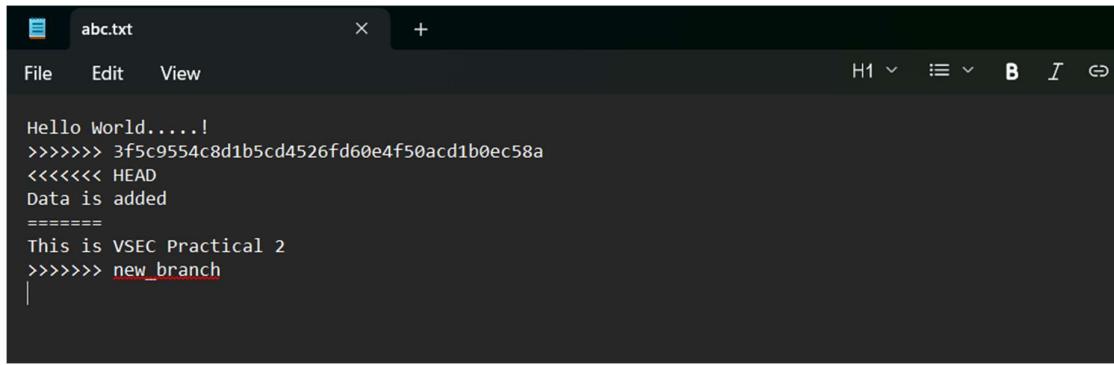


A screenshot of a terminal window titled "abc.txt". The window has a dark theme with light-colored text. It shows a menu bar with "File", "Edit", and "View". Below the menu is a toolbar with icons for "H1", "B", and other settings. The main area contains the text "Hello World.....!".

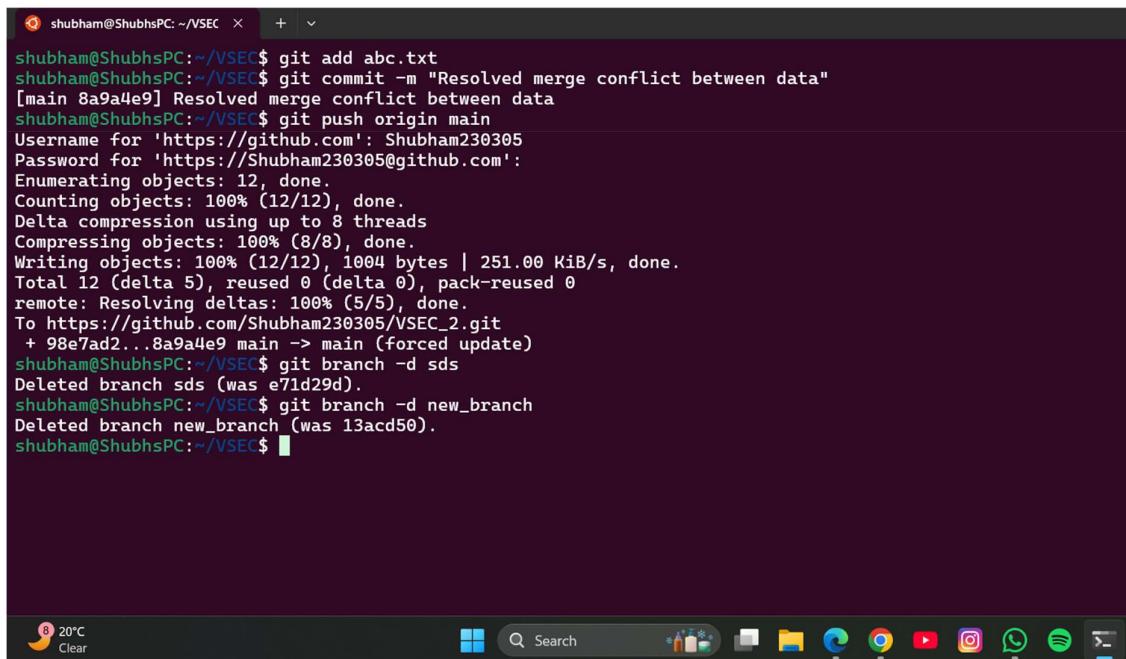


```
shubham@ShubhsPC:~/VSEC$ git branch
* main
shubham@ShubhsPC:~/VSEC$ git checkout -b sds
Switched to a new branch 'sds'
shubham@ShubhsPC:~/VSEC$ echo "Data is added" >> abc.txt
shubham@ShubhsPC:~/VSEC$ git status
On branch sds
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
      modified:   abc.txt

no changes added to commit (use "git add" and/or "git commit -a")
shubham@ShubhsPC:~/VSEC$ git add .
shubham@ShubhsPC:~/VSEC$ git commit -m "Added data"
[sds e71d29d] Added data
 1 file changed, 1 insertion(+)
shubham@ShubhsPC:~/VSEC$ git checkout main
Switched to branch 'main'
shubham@ShubhsPC:~/VSEC$ git checkout -b new_branch
Switched to a new branch 'new_branch'
shubham@ShubhsPC:~/VSEC$ echo "This is VSEC Practical 2" >> abc.txt
shubham@ShubhsPC:~/VSEC$ git add .
shubham@ShubhsPC:~/VSEC$ git commit -m "Added data"
[new_branch 13acd50] Added data
 1 file changed, 1 insertion(+)
shubham@ShubhsPC:~/VSEC$ git checkout main
Switched to branch 'main'
shubham@ShubhsPC:~/VSEC$ git merge sds
Updating fada3db..e71d29d
Fast-forward
 abc.txt | 1 +
 1 file changed, 1 insertion(+)
shubham@ShubhsPC:~/VSEC$ git merge new_branch
Auto-merging abc.txt
CONFLICT (content): Merge conflict in abc.txt
Automatic merge failed; fix conflicts and then commit the result.
```



```
abc.txt      +  
File Edit View H1 ▾ i ▾ B I ↵  
Hello World.....!  
>>>>> 3f5c9554c8d1b5cd4526fd60e4f50acd1b0ec58a  
<<<<< HEAD  
Data is added  
=====  
This is VSEC Practical 2  
>>>>> new_branch  
|
```



```
shubham@ShubhsPC:~/VSEC$ git add abc.txt  
shubham@ShubhsPC:~/VSEC$ git commit -m "Resolved merge conflict between data"  
[main 8a9a4e9] Resolved merge conflict between data  
shubham@ShubhsPC:~/VSEC$ git push origin main  
Username for 'https://github.com': Shubham230305  
Password for 'https://Shubham230305@github.com':  
Enumerating objects: 12, done.  
Counting objects: 100% (12/12), done.  
Delta compression using up to 8 threads  
Compressing objects: 100% (8/8), done.  
Writing objects: 100% (12/12), 1004 bytes | 251.00 KiB/s, done.  
Total 12 (delta 5), reused 0 (delta 0), pack-reused 0  
remote: Resolving deltas: 100% (5/5), done.  
To https://github.com/Shubham230305/VSEC_2.git  
 + 98e7ad2...8a9a4e9 main -> main (forced update)  
shubham@ShubhsPC:~/VSEC$ git branch -d sds  
Deleted branch sds (was e71d29d).  
shubham@ShubhsPC:~/VSEC$ git branch -d new_branch  
Deleted branch new_branch (was 13acd50).  
shubham@ShubhsPC:~/VSEC$
```

20°C Clear

