19_Zahidul

creating SSH key and establishing with github

```
MINGW64:/c/Users/jahid                                      —    □    ✕

jahid@Zahid MINGW64 ~
$ ssh-keygen -o -t rsa -C "jahidprototype2@gmail.com"
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/jahid/.ssh/id_rsa):
Created directory '/c/Users/jahid/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/jahid/.ssh/id_rsa
Your public key has been saved in /c/Users/jahid/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:Y5a+hJk8GGLa86fOnKRruofV/hmBkcL2ZzwVaKIRMOA jahidprototype2@gmail.com
The key's randomart image is:
+---[RSA 3072]----+
|oE+.    ..       |
| ..o..o  .       |
|   +ooo  .       |
| ..o + . .       |
|  o.+ * S        |
| +...* X .       |
|.oo.o B o        |
|. oB...= .       |
|o=ooB+o .        |
+----[SHA256]-----+

jahid@Zahid MINGW64 ~
$ |
```

#Cloning the remote repository

```
MINGW64:/c/Users/jahid                                      —    □    ✕

|o=ooB+o .        |
+----[SHA256]-----+

jahid@Zahid MINGW64 ~
$ git clone ^[[200~git@github.com:alex-pythonista/bjet-group3.git~
Cloning into 'bjet-group3.git~'...
The authenticity of host 'github.com (20.205.243.166)' can't be established.
ED25519 key fingerprint is SHA256:+DiY3wvvV6TuJJhbpZisF/zLDA0zPMSvHdkr4UvCOqU.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.
^[[200~git@github.com: Permission denied (publickey).
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

jahid@Zahid MINGW64 ~
$ git clone git@github.com:alex-pythonista/bjet-group3.git
Cloning into 'bjet-group3'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

jahid@Zahid MINGW64 ~
$
```

pull from development

```
PS C:\Users\jahid\bjet-group3> git fetch
remote: Enumerating objects: 27, done.
remote: Counting objects: 100% (27/27), done.
remote: Compressing objects: 100% (11/11), done.
remote: Total 21 (delta 5), reused 18 (delta 5), pack-reused 0
Unpacking objects: 100% (21/21), 352.35 KiB | 476.00 KiB/s, done.
From github.com:alex-pythonista/bjet-group3
   12cb23c..827f7b7  development -> origin/development
PS C:\Users\jahid\bjet-group3> git pull development
fatal: 'development' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
PS C:\Users\jahid\bjet-group3> git pull origin development
```

creating local branch

```
nothing to commit, working tree clean
PS C:\Users\jahid\bjet-group3> git checkout -b task3branch
Switched to a new branch 'task3branch'
```

added task 3 contents in the Readme file

```html
DME.md X    <> New.html
sers > jahid > bjet-group3 > ① README.md > 🔤 # Features
<h1>Getting Started</h1>
Follow these steps to get Local Dining Guide up and running on your local machine.
<h2>Prerequisites</h2>
<b>Web Browser:</b> Ensure you have a modern web browser installed to access the Local Dining
Guide interface.
<br>
<br>
<b>Internet Connection:</b> A stable internet connection is required to fetch restaurant data and
images.

<h2>Installation</h2>
<ol>
<li> Clone the Repository: Start by cloning this repository to your local machine. </li><br>
<table style="border-collapse: collapse; width: 40%; border: 1px solid #ddd;">
  <tr>
    <td style="border: 1px solid #ddd; padding: 8px;">git clone https://github.com/yourusername/local-dining-guide.git</td>
  </tr>
</table>
<br>
<li> Navigate to Directory: Move into the project directory. </li><br>
<table style="border-collapse: collapse; width: 40%; border: 1px solid #ddd;">
  <tr>
    <td style="border: 1px solid #ddd; padding: 8px;">cd local-dining-guide</td>
  </tr>
</table>
<br>
<li> Launch the Application: Open the index.html file in your web browser. </li><br>
<table style="border-collapse: collapse; width: 40%; border: 1px solid #ddd;">
  <tr>
    <td style="border: 1px solid #ddd; padding: 8px;">open index.html</td>
  </tr>
</table>
<br>
```

Resolving conflicts locally


```
README.md ×          <> New.html
C: > Users > jahid > bjet-group3 >  ⓘ README.md >  # Features
        Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
   1    <<<<<<< HEAD (Current Change)
   2    <h1>Getting Started</h1>
   3    Follow these steps to get Local Dining Guide up and running on your local machine.
   4    <h2>Prerequisites</h2>
   5    <b>Web Browser:</b> Ensure you have a modern web browser installed to access the Local Dining
   6    Guide interface.
   7    <br>
   8    <br>
   9    <b>Internet Connection:</b> A stable internet connection is required to fetch restaurant data and
  10    images.
  11
  12    <h2>Installation</h2>
  13    <ol>
  14    <li> Clone the Repository: Start by cloning this repository to your local machine. </li><br>
  15    <table style="border-collapse: collapse; width: 40%; border: 1px solid #ddd;">
  16      <tr>
  17        <td style="border: 1px solid #ddd; padding: 8px;">git clone https://github.com/yourusername/local-dining-guide.g
  18      </tr>
  19    </table>
  20    <br>
  21    <li> Navigate to Directory: Move into the project directory. </li><br>
  22    <table style="border-collapse: collapse; width: 40%; border: 1px solid #ddd;">

PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS C:\Users\jahid\bjet-group3> git commit -m "Zahidul Haque changes2"
[task3branch 52d92f2] Zahidul Haque changes2
 1 file changed, 34 insertions(+), 1 deletion(-)
PS C:\Users\jahid\bjet-group3> git checkout development
Switched to branch 'development'
Your branch is up to date with 'origin/development'.
PS C:\Users\jahid\bjet-group3> git checkout task3branch
Switched to branch 'task3branch'
PS C:\Users\jahid\bjet-group3> git merge development
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.
PS C:\Users\jahid\bjet-group3>

 Restricted Mode    ⊗ 0 ⚠ 0    0
```
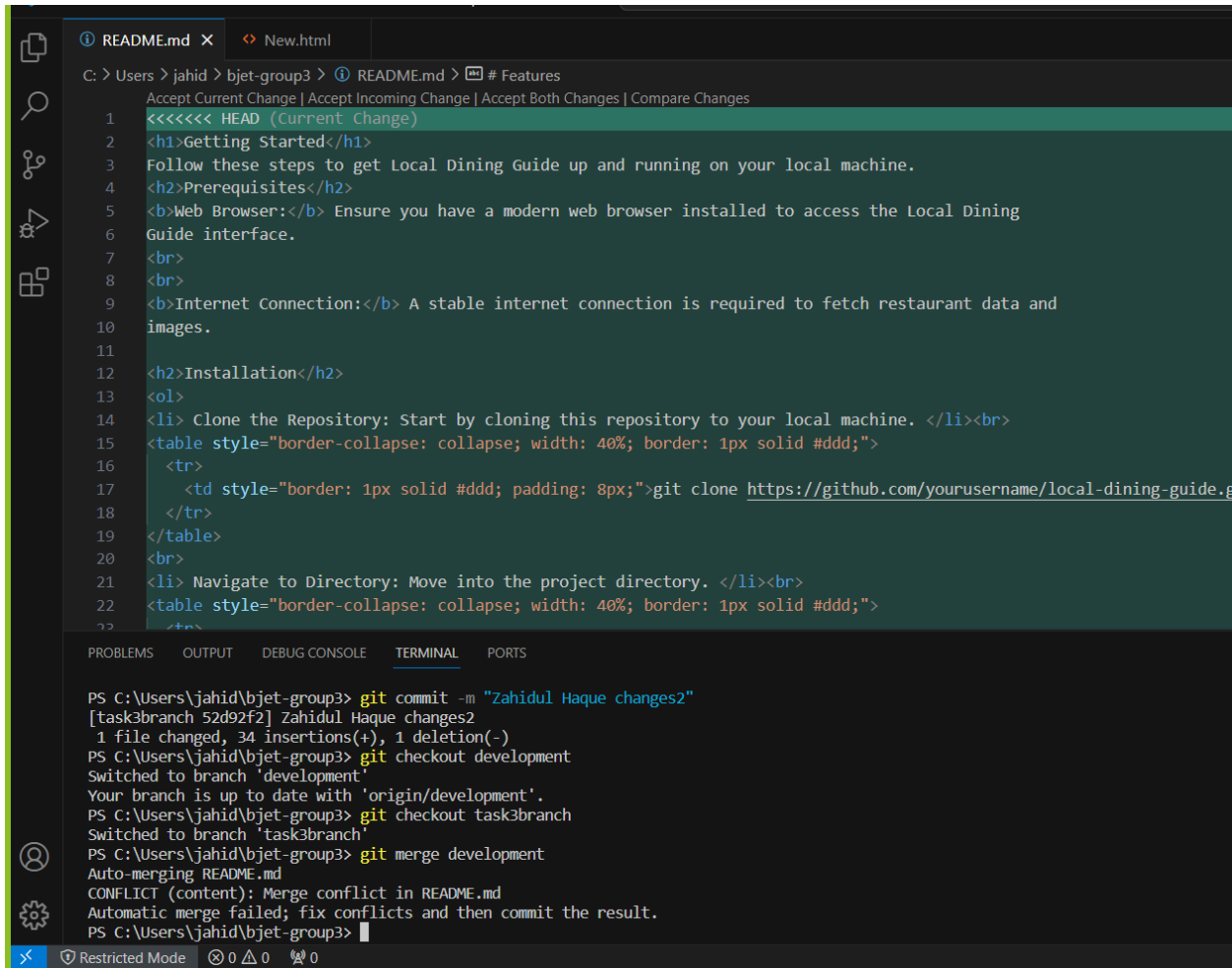
Pushing in the Github


```
no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\jahid\bjet-group3> git add .
PS C:\Users\jahid\bjet-group3> git commit -m "Zahidul Haque changes3"
[task3branch 3f6c2f6] Zahidul Haque changes3
PS C:\Users\jahid\bjet-group3> git push -u origin task3branch
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
```