```
fardeen@decepticon:~/.ssh$ ssh-keygen -o -t rsa -C "fardeen.es7@gmail.com"
Generating public/private rsa key pair.
Enter file in which to save the key (/home/fardeen/.ssh/id_rsa):
/home/fardeen/.ssh/id_rsa already exists.
Overwrite (y/n)? y
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/fardeen/.ssh/id_rsa
Your public key has been saved in /home/fardeen/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:UQvxHlbYpB3j0VwmHnmLHP+stdrHwoPHCleTDbP5lwg "fardeen.es7@gmail.com"
The key's randomart image is:
+---[RSA 3072]----+
        0..+B.o
         +.0+0.
         . *.B=o.
        S .E *o.|
            ...0=
           0. 0.+
             .+.+.1
+----[SHA256]----+
fardeen@decepticon:~/.ssh$ cat id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABgQDPkv8n4SAyoEhpMq3V9nzPZhW83AGróQ+IY3MvHHD/cviavNY85Pw1y
WCArnKBC4q8rh2xBTLCEMcq0bplKXu4d+03C0APbxseNYVbsVYq6SBZvHRSbVZKr2bVmjt3YDlLSqrt6hV04f4rsQuqT8
lHaJ/c5VenFY5RI/7nN5iRt/VrBAqkjvx2p/tWdNPIHvM87K+sLJ3RqbNaRqWkiSc901PxBMVmyKv33rCt6B8rhBV4vMu
6BxsK4Z+yQpTMGtzsXaBgmdF60tyWcfE7AgPeCWtU3vZBdH8UqcoZKq6JElj0mGYR2lXmfLVzG0M+U4VQ9yhZEc0BAIpd
cP4pqrLxRlwl5D6Ouew8ISnUXFyMhcWaWzwq4NQZvSKn6J0FnaRcHimSnI2AYOCy1Czs8XA6k3AZC+o62kwPpbv2vQ0dx
giCRx3k1BNBBhbukEQIzX8qksF0Ay/E04lWnEao5ehz/iNPXFqT1C4a50Ft5qrUaGtgxkKzaVBGvtótAREnYrM= "fard
een.es7@gmail.com"
fardeen@decepticon:~/.ssh$
```

Note: created ssh key

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

• fardeen@decepticon:~/Documents/Projects/bjet-it-project$ git clone git@github.com:SahebRana/bjet13_group_2.git cloning into 'bjet13_group_2'...

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. 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.

• fardeen@decepticon:~/Documents/Projects/bjet-it-project$ ■
```

Note: cloned repository using ssh

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

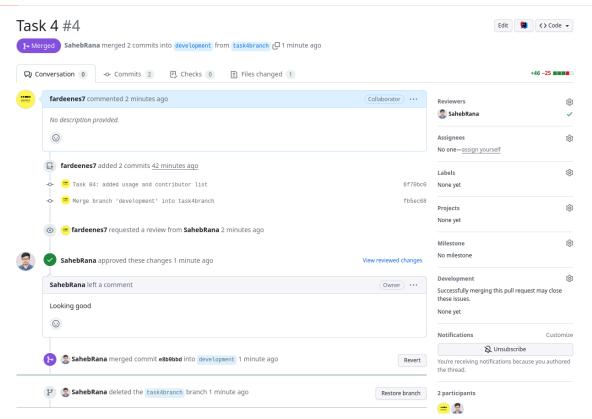
• fardeen@decepticon:~/Documents/Projects/bjet-it-project/bjet13_group_2$ git checkout development
Switched to branch 'development'
Your branch is up to date with 'origin/development'.
• fardeen@decepticon:~/Documents/Projects/bjet-it-project/bjet13_group_2$ git pull
Already up to date.
• fardeen@decepticon:~/Documents/Projects/bjet-it-project/bjet13_group_2$ git checkout -b task4branch
Switched to a new branch 'task4branch'
• fardeen@decepticon:~/Documents/Projects/bjet-it-project/bjet13_group_2$ [
```

Note: created new working branch named task4branch

Note:

- Added changes
- 2. Pulled development branch
- 3. Tried to merge development branch

Note: resolved conflicts, merged successfully, pushed to origin



Note: github activity showcasing successful PR merge.