The Nautilus application development team has been working on a project repository /opt/news.git. This repo is cloned at /usr/src/kodekloudrepos on storage server in Stratos DC. They recently shared the following requirements with DevOps team:

Create a new branch xfusion in /usr/src/kodekloudrepos/news repo from master and copy the /tmp/index.html file (present on storage server itself) into the repo. Further, add/commit this file in the new branch and merge back that branch into master branch. Finally, push the changes to the origin for both of the branches.

```
[natasha@ststor01 news]$ git push origin xfusion
fatal: detected dubious ownership in repository at '/opt/news.git'
To add an exception for this directory, call:

        git config --global --add safe.directory /opt/news.git
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
[natasha@ststor01 news]$  git config --global --add safe.directory /opt/news.git
[natasha@ststor01 news]$ git push origin xfusion
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 364 bytes | 364.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
error: remote unpack failed: unable to create temporary object directory
To /opt/news.git
 ! [remote rejected] xfusion -> xfusion (unpacker error)
error: failed to push some refs to '/opt/news.git'
[natasha@ststor01 news]$ sudo git push origin xfusion
[sudo] password for natasha:
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 364 bytes | 364.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To /opt/news.git
 * [new branch]      xfusion -> xfusion
[natasha@ststor01 news]$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
[natasha@ststor01 news]$ git merge xfusion
Updating 9ece988..f450646
Fast-forward
 index.html | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 index.html
[natasha@ststor01 news]$ git push origin master
```

```
[natasha@ststor01 news]$ git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
error: remote unpack failed: unable to create temporary object directory
To /opt/news.git
 ! [remote rejected] master -> master (unpacker error)
error: failed to push some refs to '/opt/news.git'
[natasha@ststor01 news]$ sudo git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To /opt/news.git
   9ece988..f450646  master -> master
[natasha@ststor01 news]$ git log --oneline -n 5
f450646 (HEAD -> master, origin/xfusion, origin/master, xfusion) Add index.html file to datacenter bra
9ece988 initial commit
[natasha@ststor01 news]$ history
    1  cd /usr/src/kodekloudrepos/news
    2  sudo chown -R natasha:natasha /usr/src/kodekloudrepos/news
    3  git checkout -b datacenter
    4     git branch -d datacenter
    5  sudo git branch -d datacenter
    6  git branch master
    7  git branch
    8  git checkout master
    9     git branch -d datacenter
   10  git checkout -b xfusion
   11  cp  /tmp/index.html .
   12  git add index.html
   13  git commit -m "Add index.html file to datacenter branch"
   14  git config --global user.name "natasha"
   15  git commit -m "Add index.html file to datacenter branch"
   16  git checkout master
   17  git checkout xfusion
   18  git branch
   19  git push origin xfusion
   20   git config --global --add safe.directory /opt/news.git
   21  git push origin xfusion
   22  sudo git push origin xfusion
   23  git checkout master
   24  git merge xfusion
   25  git push origin master
   26  sudo git push origin master
   27  git log --oneline -n 5
   28  history
[natasha@ststor01 news]$
```

No worries!!

Uh oh! Looks like the task was not completed successfully. But it's Ok. You can try again next time this task is assigned to you.

> ✕ - new git branch 'xfusion' is not created under '/usr/src/kodekloudrepos/news/' repo on Storage server

You may check your work again to see what went wrong. The environment expires in 5 minutes.

If you think you did your work correctly and is marked failed, you may request for a review from your task dashboard. Or alternatively please submit outputs/screenshot(s) of your work and post to community.kodekloud.com

```
f450646 (HEAD -> master, or
9ece988 initial commit
[natasha@ststor01 news]$ hi
    1  cd /usr/src/kodeklou
    2  sudo chown -R natash
    3  git checkout -b data
    4     git branch -d da
    5  sudo git branch -d d
    6  git branch master
    7  git branch
    8  git checkout master
    9     git branch -d da
   10  git checkout -b xfus
   11  cp  /tmp/index.html
   12  git add index.html
   13  git commit -m "Add i
   14  git config --global
   15  git commit -m "Add i
   16  git checkout master
   17  git checkout xfusion
```