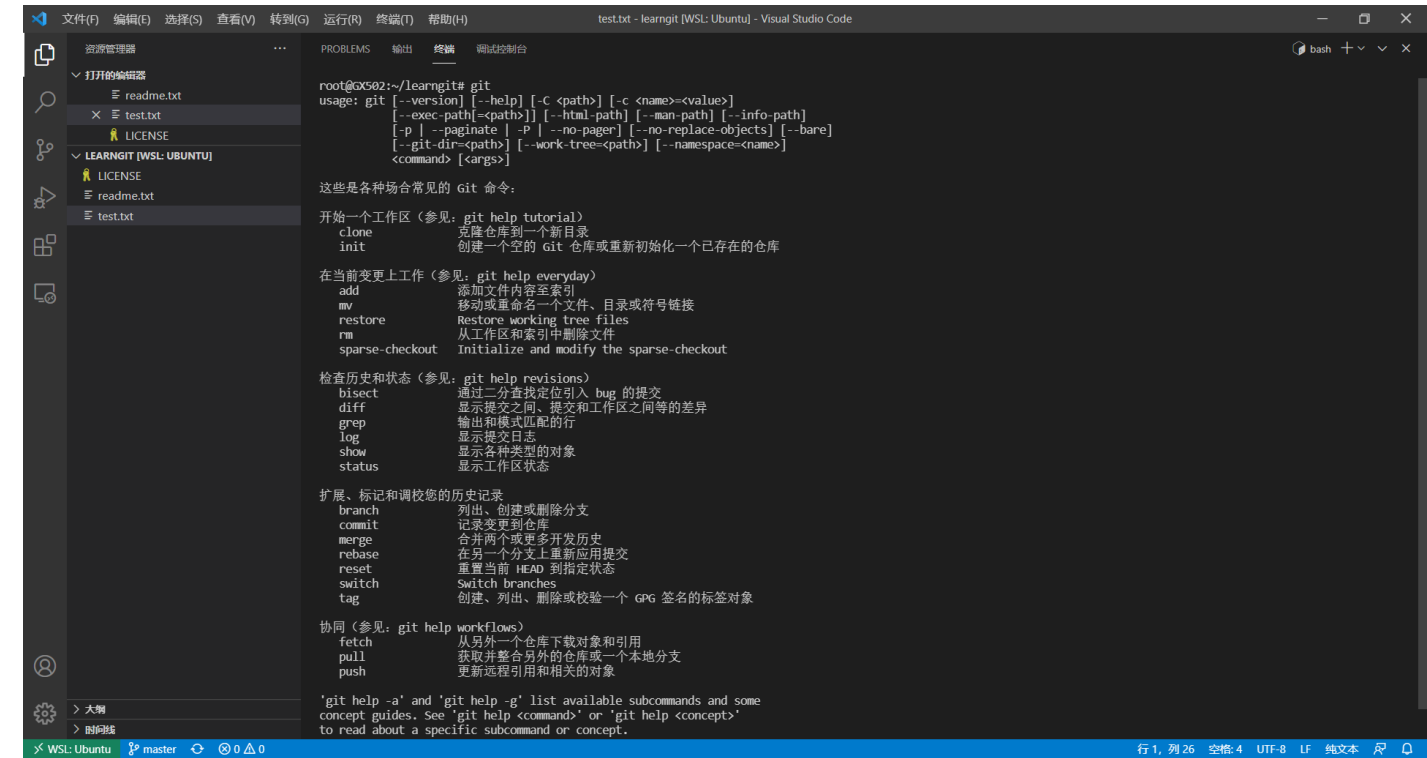


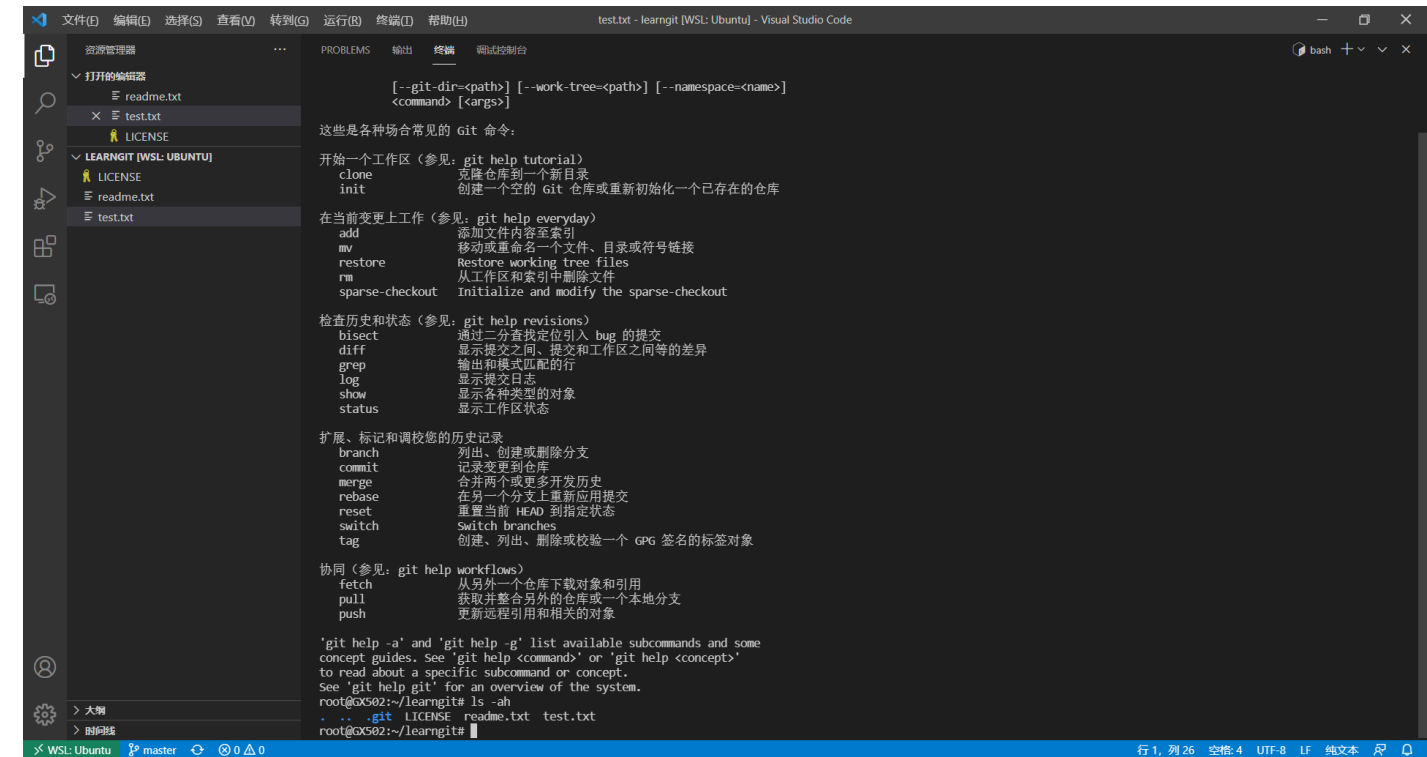
learngit项目网址

一、必做部分

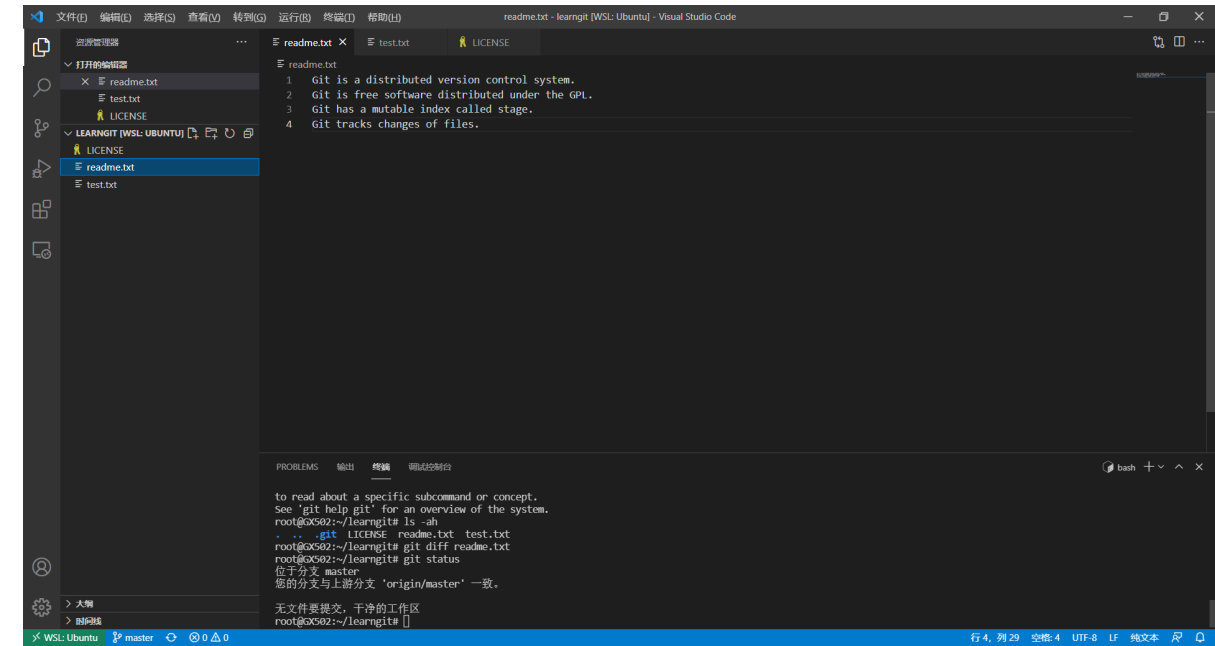
1.安装Git



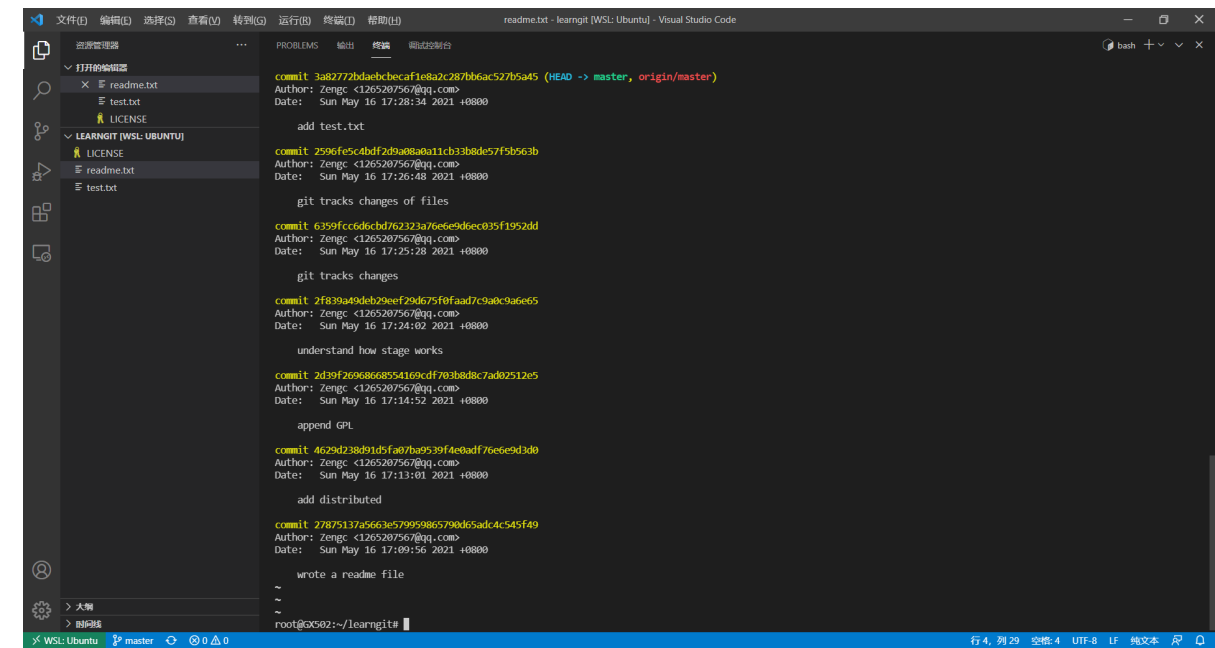
2.创建版本库



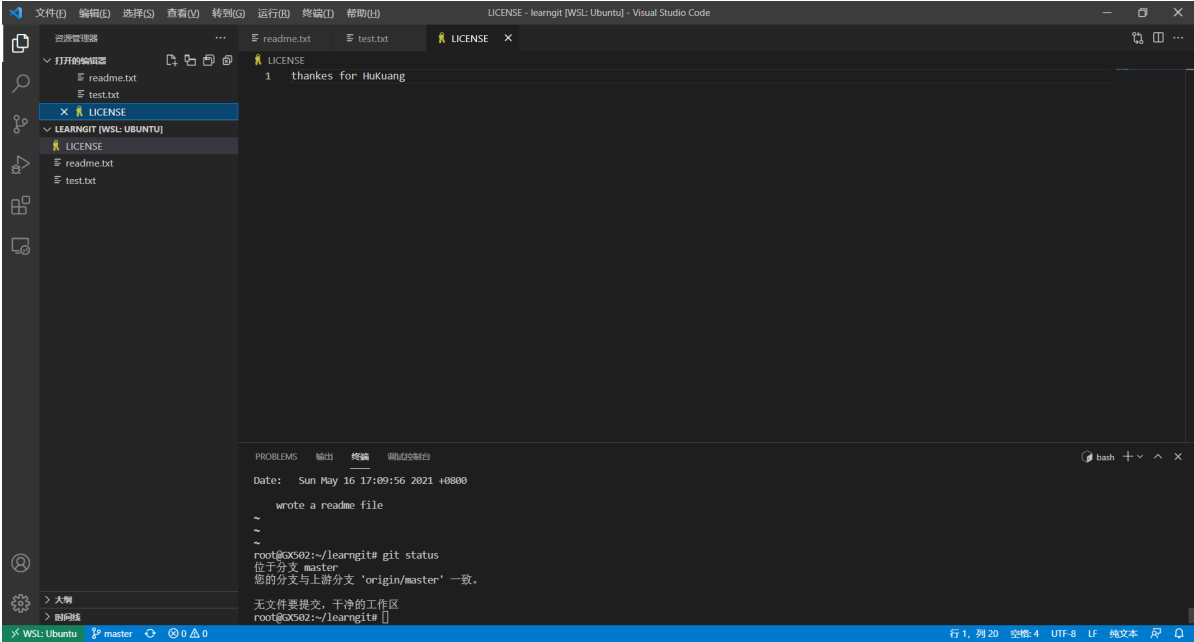
3.版本控制



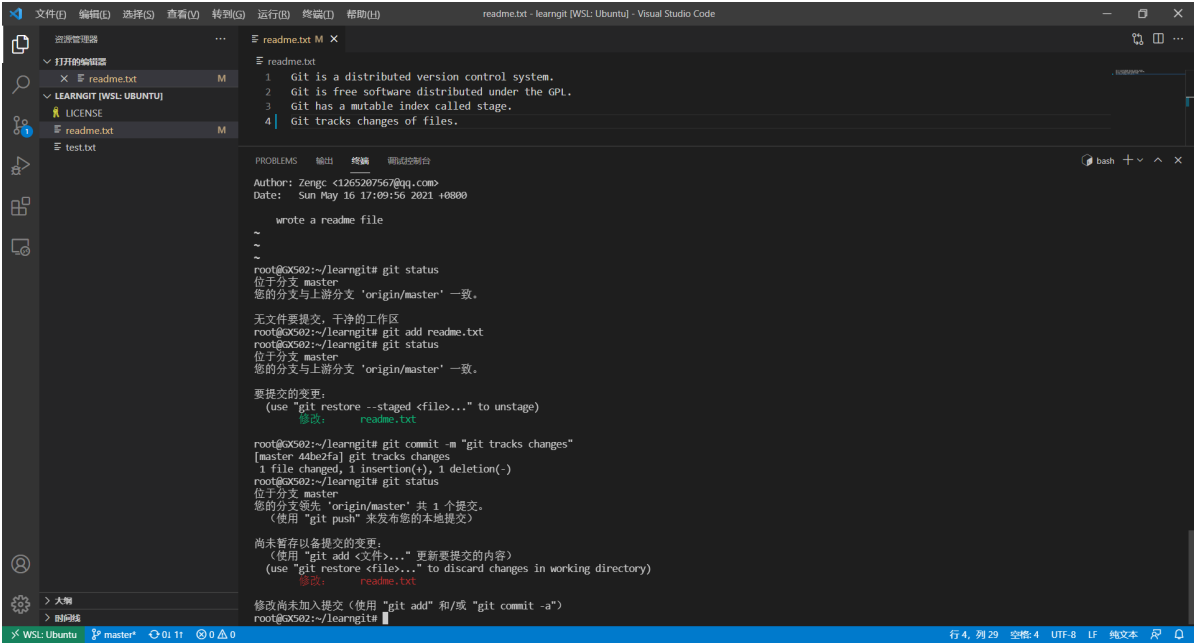
4.版本回退



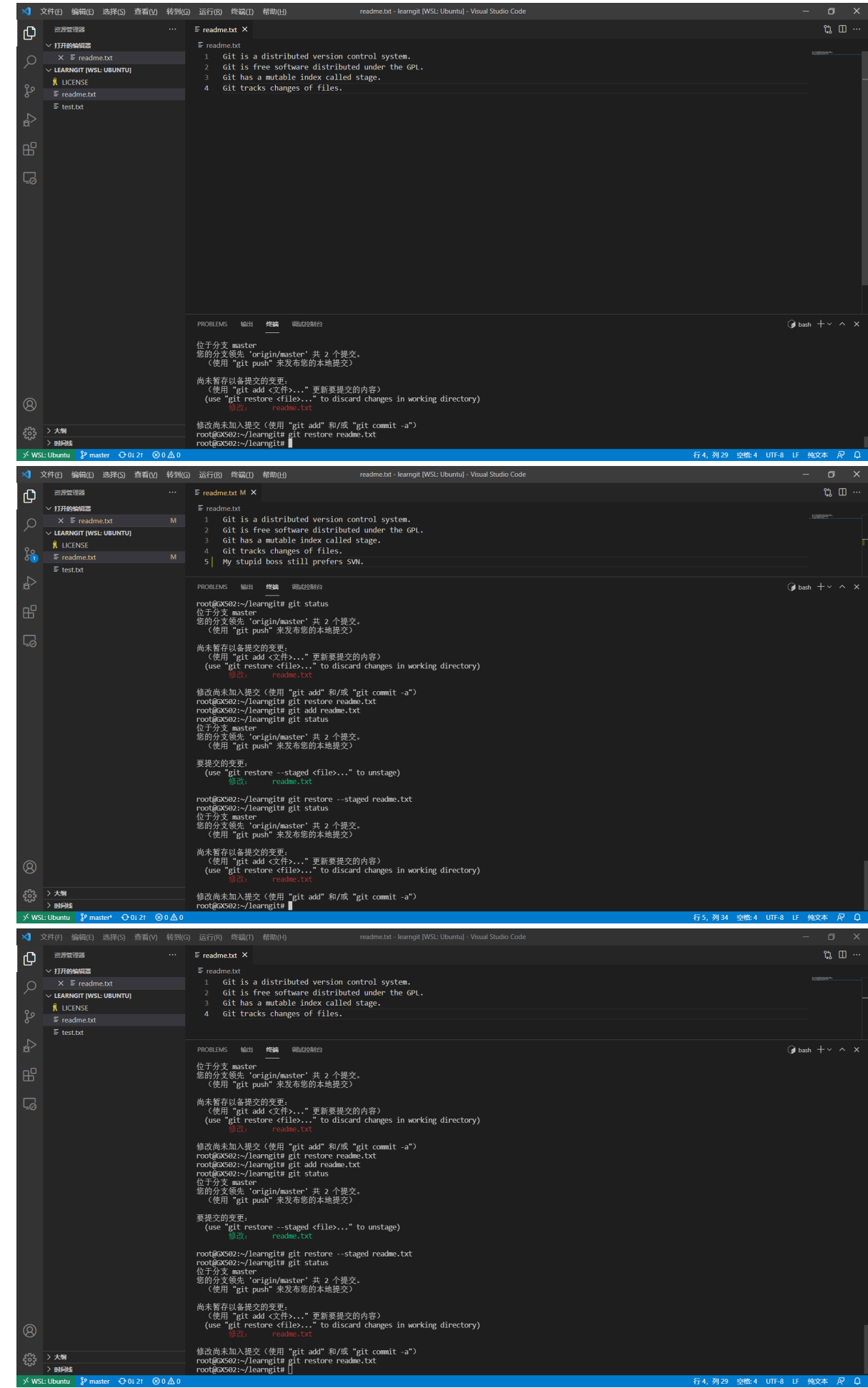
5.工作区和暂存区



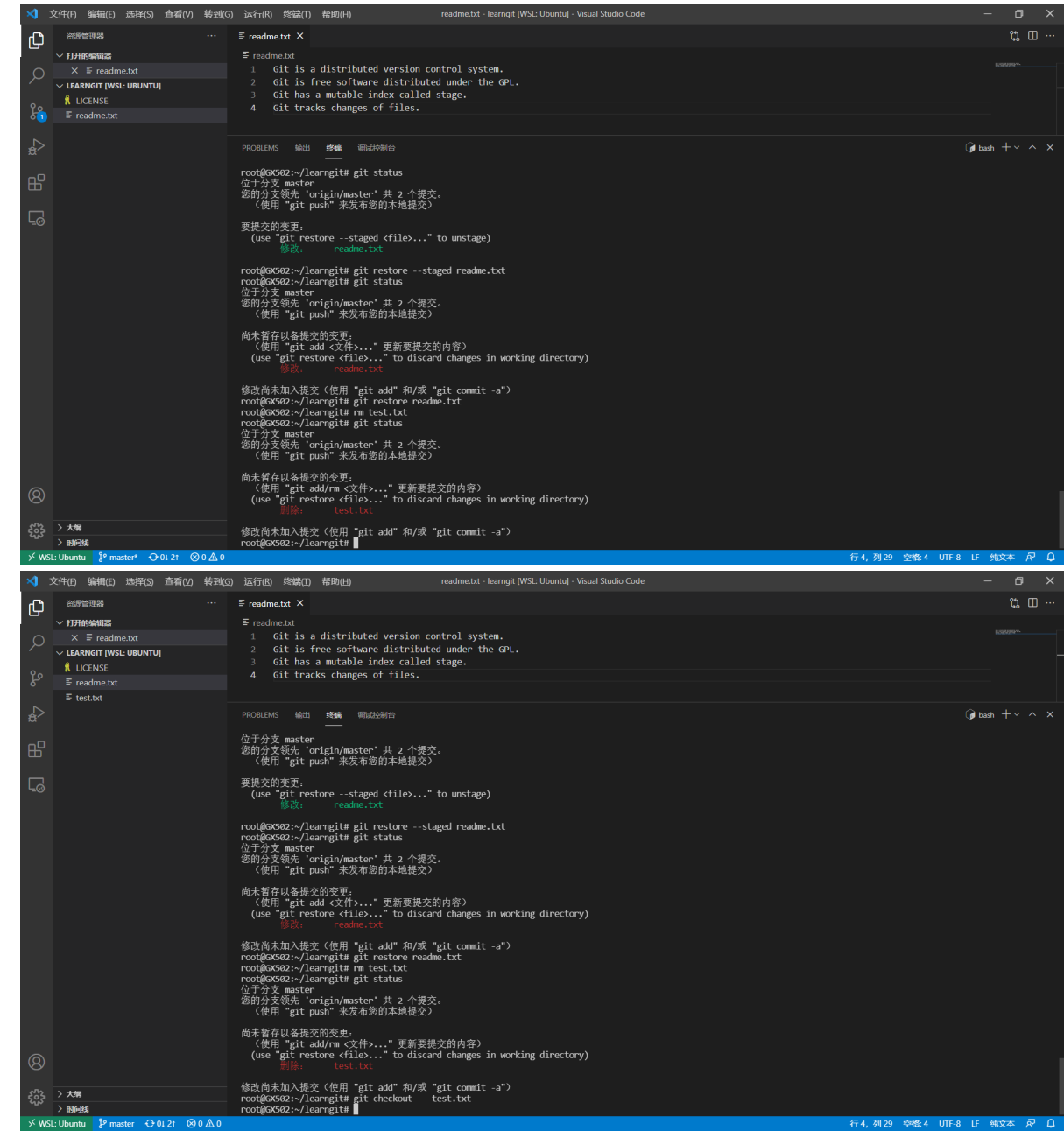
6.管理修改



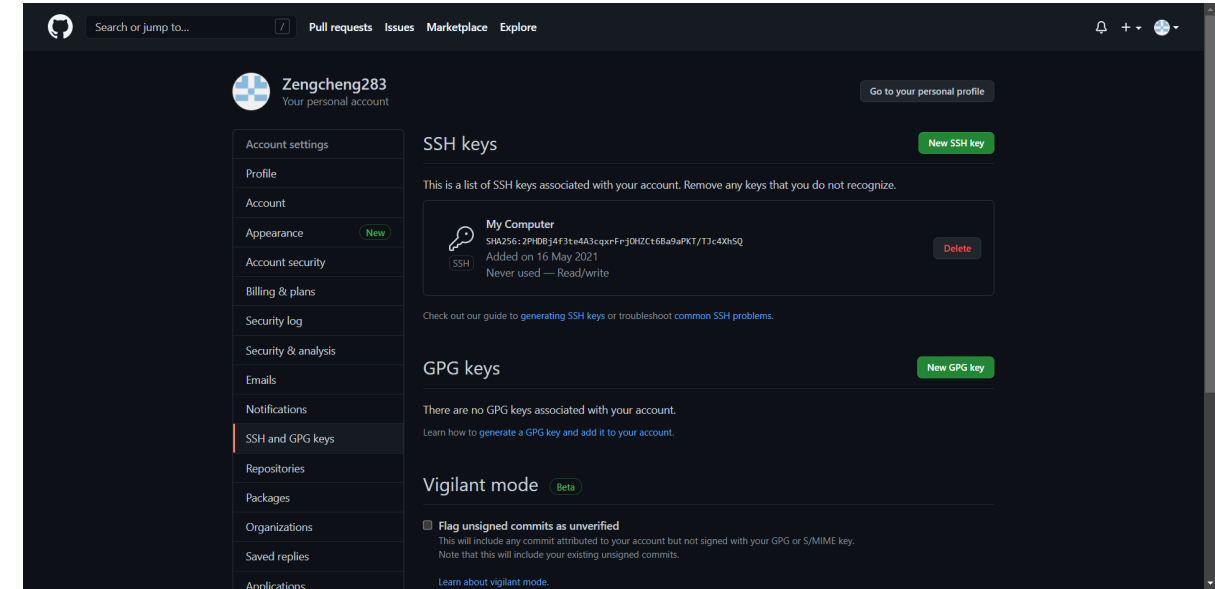
7.撤销修改



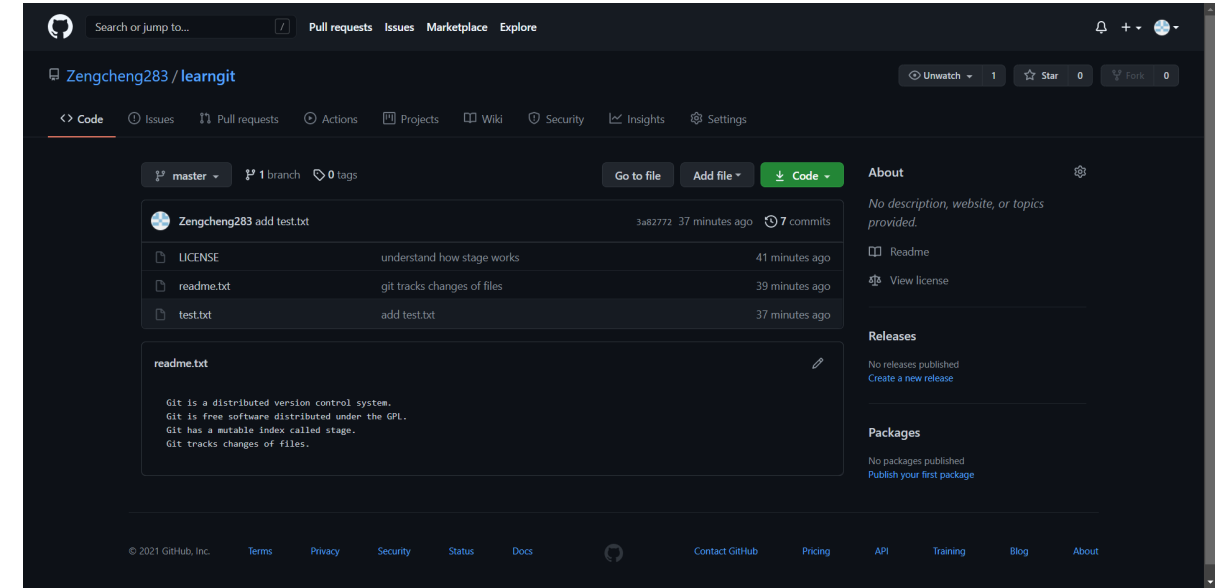
8.删除文件



9.远程仓库



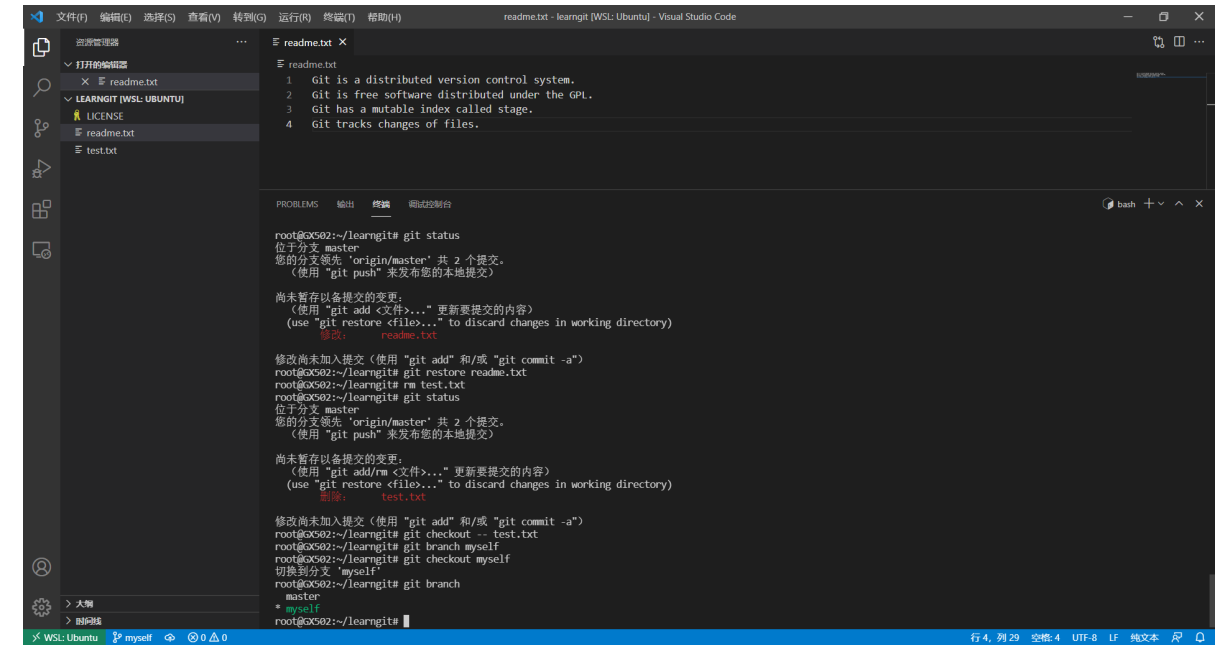
10.添加远程库



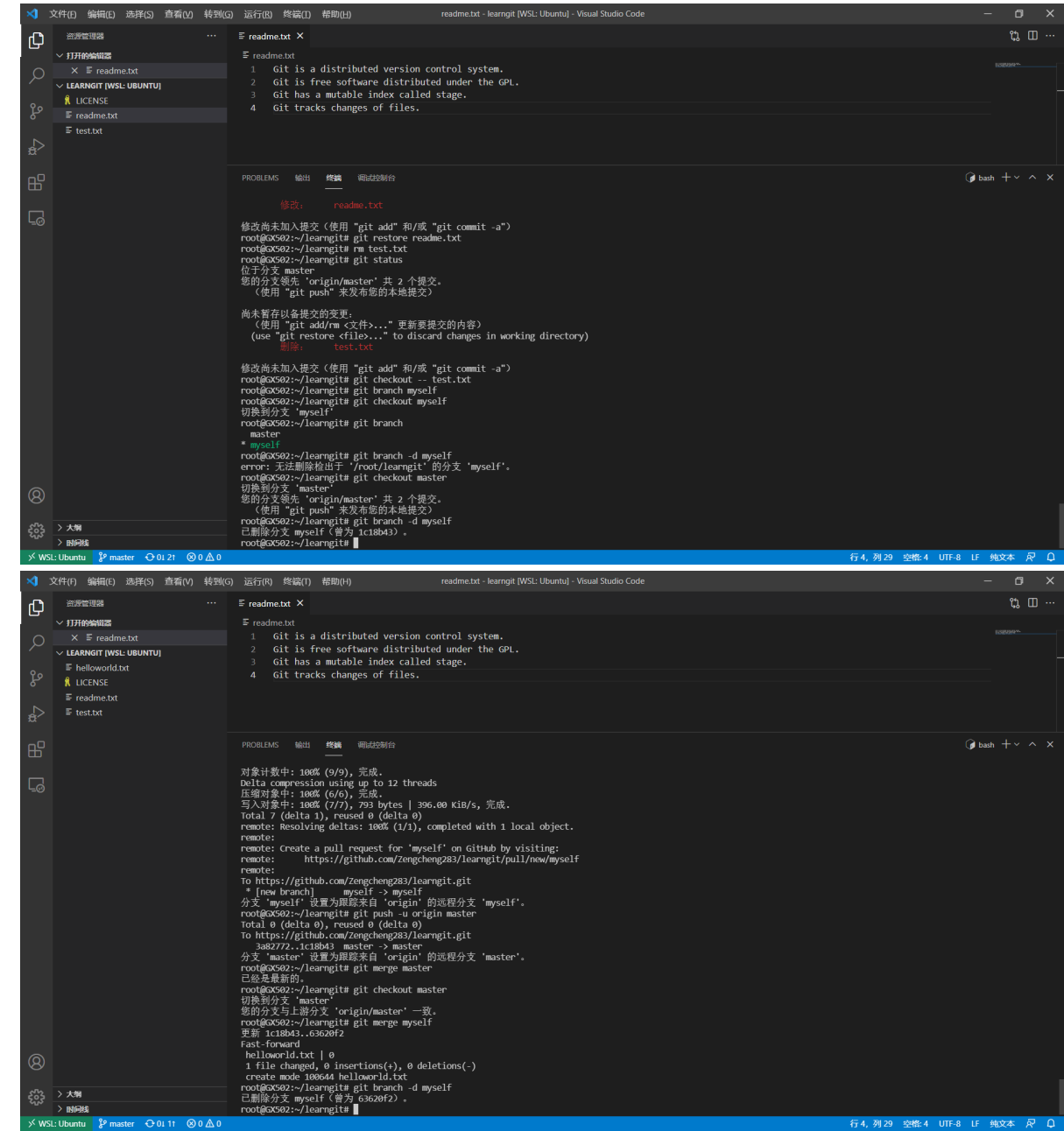
二、选做部分

1.分支管理

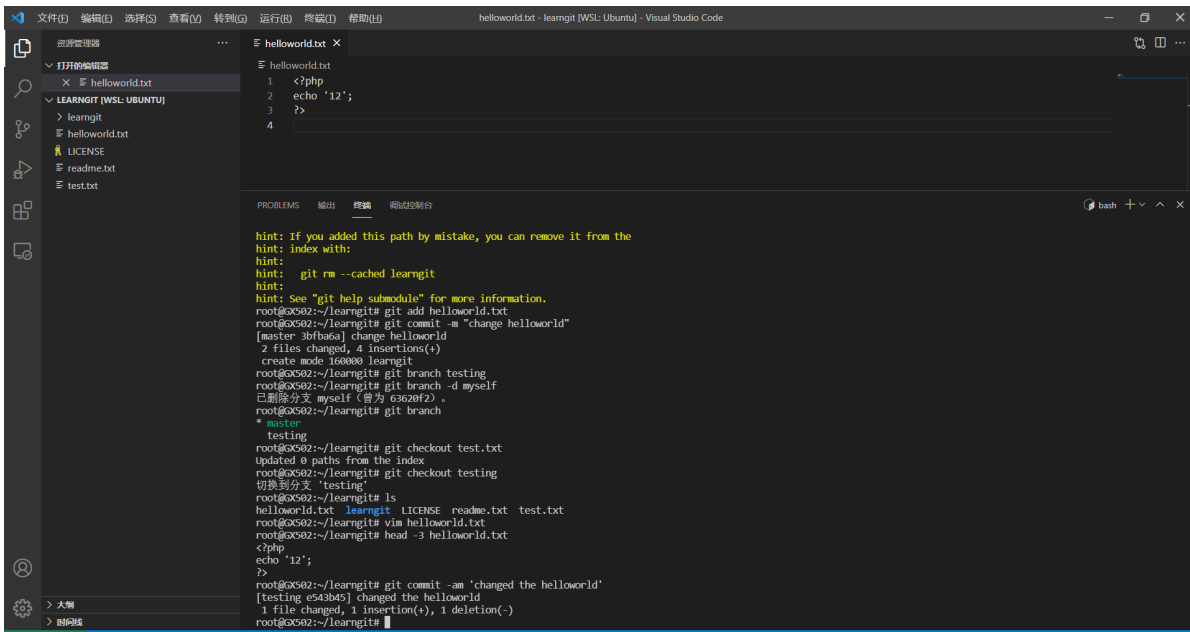
(1)创建分支



(2)删除分支



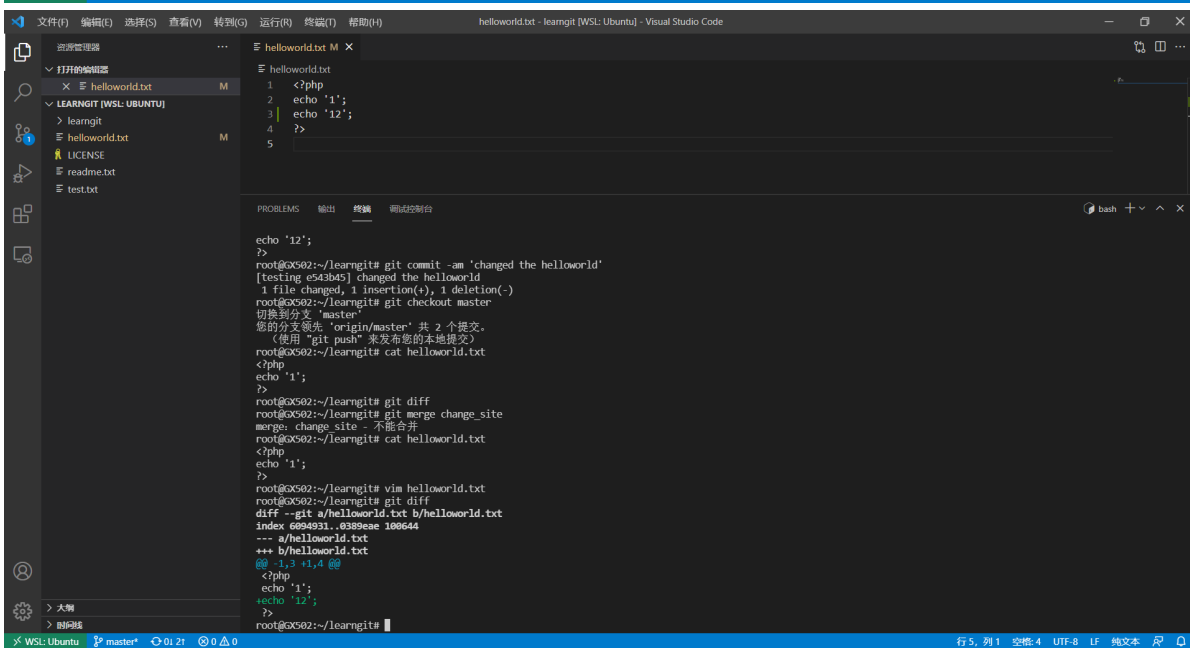
(3)解决冲突



```
helloworld.txt X
helloworld.txt
1 <?php
2 echo '12';
3 ?>
4

PROBLEMS 输出 终端 调试控制台
bash + ^ X

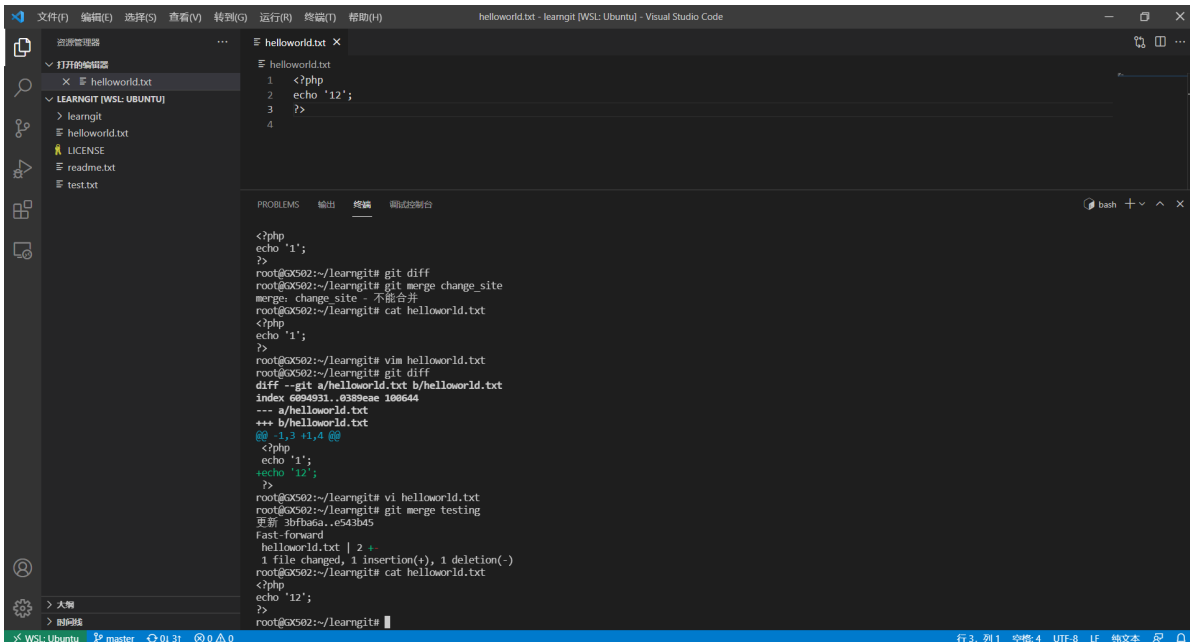
hint: If you added this path by mistake, you can remove it from the
hint: index with:
hint:
hint: git rm --cached learnigit
hint:
hint: See "git help submodule" for more information.
root@OC92:~/learnigit# git add helloworld.txt
root@OC92:~/learnigit# git commit -m "change helloworld"
[master 3bfa6a] change helloworld
2 files changed, 4 insertions(+)
create mode 160000 learnigit
root@OC92:~/learnigit# git branch testing
root@OC92:~/learnigit# git branch -d myself
已删除分支 myself (曾为 63620f2)。
root@OC92:~/learnigit# git branch
* master
  testing
root@OC92:~/learnigit# git checkout test.txt
Updated 0 paths from the index
root@OC92:~/learnigit# git checkout testing
切换到分支 'testing':
root@OC92:~/learnigit# ls
helloworld.txt learnigit LICENSE README.txt test.txt
root@OC92:~/learnigit# vim helloworld.txt
root@OC92:~/learnigit# head -3 helloworld.txt
<?php
echo '12';
?>
root@OC92:~/learnigit# git commit -am 'changed the helloworld'
[testing e543b45] changed the helloworld
1 file changed, 1 insertion(+), 1 deletion(-)
root@OC92:~/learnigit#
```



```
helloworld.txt X
helloworld.txt
1 <?php
2 echo '1';
3 | echo '12';
4 ?>
5

PROBLEMS 输出 终端 调试控制台
bash + ^ X

echo '12';
?>
root@OC92:~/learnigit# git commit -am 'changed the helloworld'
[testing e543b45] changed the helloworld
1 file changed, 1 insertion(+), 1 deletion(-)
root@OC92:~/learnigit# git checkout master
切换到分支 'master':
您的分支领先 'origin/master' 共 2 个提交。
(使用 "git push" 来发布您的本地提交)
root@OC92:~/learnigit# cat helloworld.txt
<?php
echo '1';
?>
root@OC92:~/learnigit# git diff
root@OC92:~/learnigit# git merge change_site
merge: change site - 不能合并
root@OC92:~/learnigit# cat helloworld.txt
<?php
echo '1';
?>
root@OC92:~/learnigit# vim helloworld.txt
root@OC92:~/learnigit# git diff
diff --git a/helloworld.txt b/helloworld.txt
index 6094931..0389eae 100644
--- a/helloworld.txt
+++ b/helloworld.txt
@@ -1,3 +1,4 @@
<?php
echo '1';
+echo '12';
?>
root@OC92:~/learnigit#
```

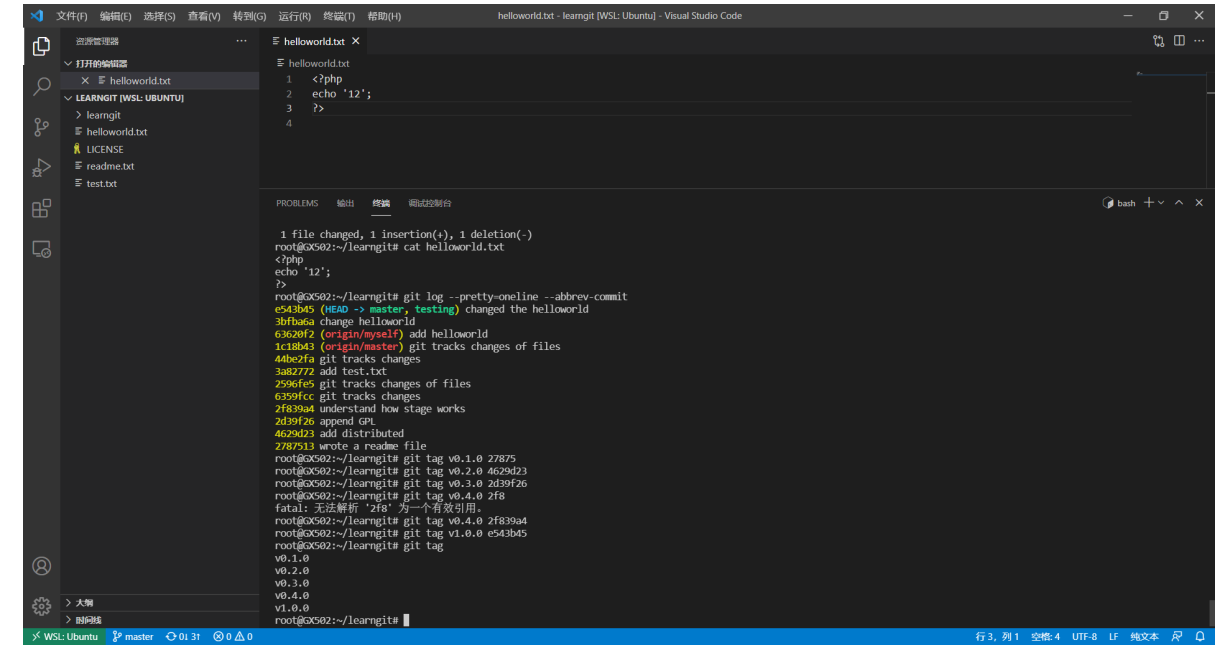


```
helloworld.txt X
helloworld.txt
1 <?php
2 echo '12';
3 ?>
4

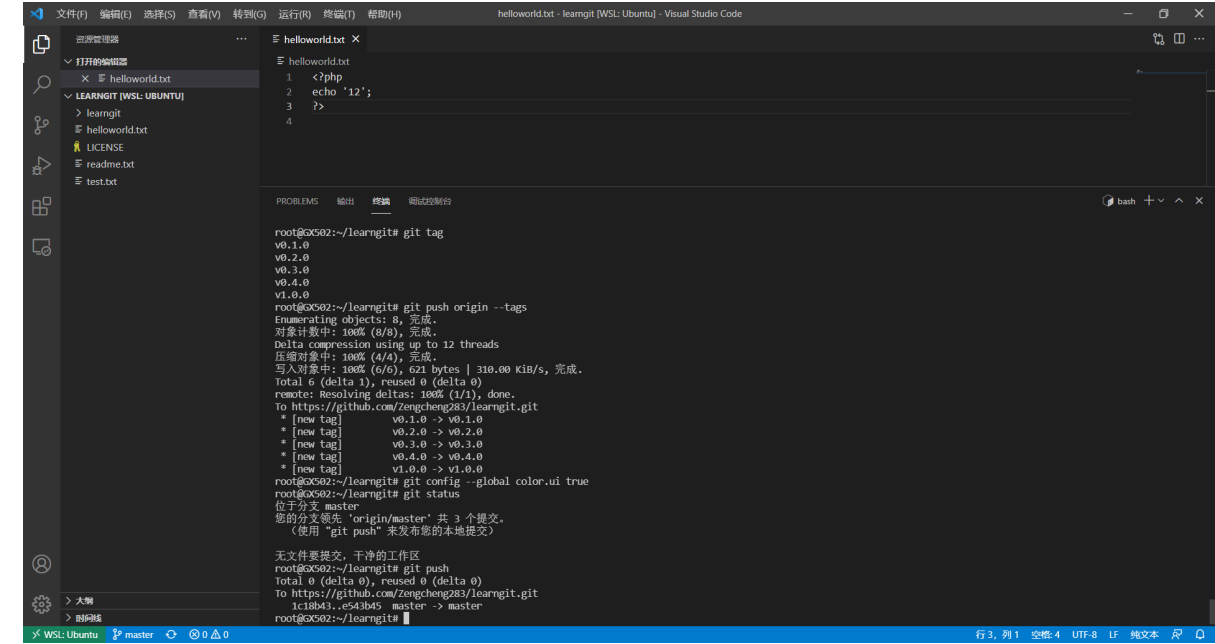
PROBLEMS 输出 终端 调试控制台
bash + ^ X

<?php
echo '1';
?>
root@OC92:~/learnigit# git diff
root@OC92:~/learnigit# git merge change_site
merge: change site - 不能合并
root@OC92:~/learnigit# cat helloworld.txt
<?php
echo '1';
?>
root@OC92:~/learnigit# vim helloworld.txt
root@OC92:~/learnigit# git diff
diff --git a/helloworld.txt b/helloworld.txt
index 0094931..0389eae 100644
--- a/helloworld.txt
+++ b/helloworld.txt
@@ -1,3 +1,4 @@
<?php
echo '1';
+echo '12';
?>
root@OC92:~/learnigit# vi helloworld.txt
root@OC92:~/learnigit# git merge testing
Fast-forward
 helloworld.txt | 2 ++
1 file changed, 1 insertion(+), 1 deletion(-)
root@OC92:~/learnigit# cat helloworld.txt
<?php
echo '12';
?>
root@OC92:~/learnigit#
```

2. 标签管理



3.自定义git



三、实验过程

在实验过程中，出现了各种各样的问题，例如标签管理问题、撤销修改问题、分支管理冲突问题等等。

因此，为了解决这些问题，在网上进行搜索，以及自己来进行问题的解决。最后通过自己的努力解决了问题。

四、实验总结

总结：

在实验中，我获得了很多的知识。例如：如何创建仓库、如何与远程仓库相连、如何撤销修改、如何进行管理等等。

此外，通过学习，我获得了github工作区与暂存区意义的概念以及github如何进行管理。