How do we switch a user's home directory to a different partition?

```
$ echo "How do we switch a user's home directory to a different partition?"

How do we switch a user's home directory to a different partition?
```

```
$ ls /home/

joe  testuser
```

```
$ du /home/

  16  /home/testuser
   4  /home/joe/.cache
   8  /home/joe/.ssh
  40  /home/joe
  60  /home/
```

```
$ df /home/

Filesystem  1K-blocks   Used  Available   Use% Mounted on
/dev/sda1   2817056  2112344   541896    80%  /
```

```
$ echo "This is a test message.
```

```
```
Note that currently, the /home directory is mounted under the root '/'

```
$ df /home/
Filesystem 1K-blocks Used Available Use% Mounted on
/dev/sda1 2817056 2112344 541896 80% /
```

The current partition is /dev/sda1

```
$ echo "The current partition is /dev/sda1"
The current partition is /dev/sda1
```
If I want to put their home directories on a different partition, I have to follow these basic steps:

```
if I want to put their home directories on a different partition, I have to follow these basic steps:
```

Create a new directory and mount it, for these home directories

```
Create a new directory and mount it, for these home directories
```

```
sudo mv /home/ /home.00
```

```
sudo mkdir /home
```

```
joe@filesystems:~$ echo "Format the partition with the appropriate mkfs command"
Format the partition with the appropriate mkfs command
joe@filesystems:~$ echo "Mount the partition to the new /home directory"
Mount the partition to the new /home directory
joe@filesystems:~$ echo "Move all the files from the old /home.00 directory, into the new /home directory"
Move all the files from the old /home.00 directory, into the new /home directory
joe@filesystems:~$ echo "Test, test, test"
Test, test, test
joe@filesystems:~$