

Question:

Create a directory named "documents" and inside it, create three files named "file1.txt", "file2.txt" and "file3.txt". Set appropriate permissions such that only the owner can read and write to the files and others have no permissions.

Solution:

Step 1: Create the directory

```
mkdir documents
```

Step 2: Navigate into the directory

```
cd documents
```

Step 3: Create the files

```
touch file1.txt file2.txt file3.txt
```

Step 4: Set permissions

a. Using the absolute method

```
chmod 600 file1.txt file2.txt file3.txt
```

b. Using the symbolic method

```
chmod u=rw,go= file1.txt file2.txt file3.txt
```

Verification:

```
ls -l
```