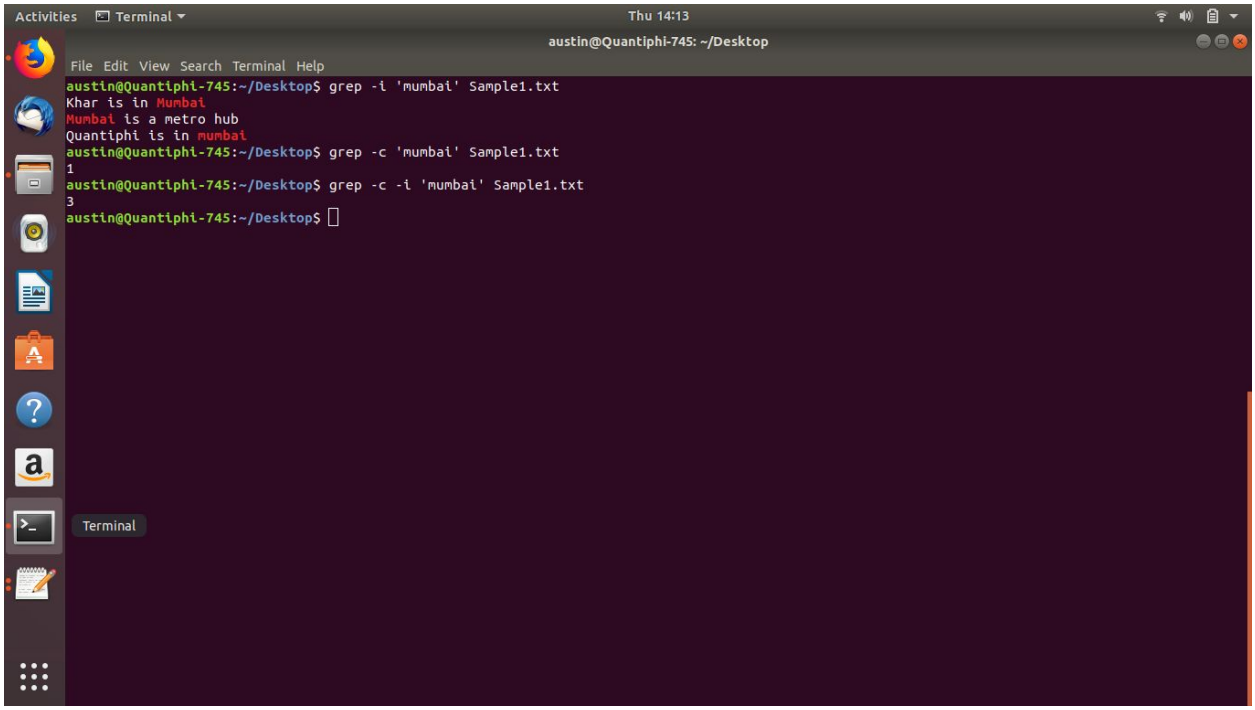
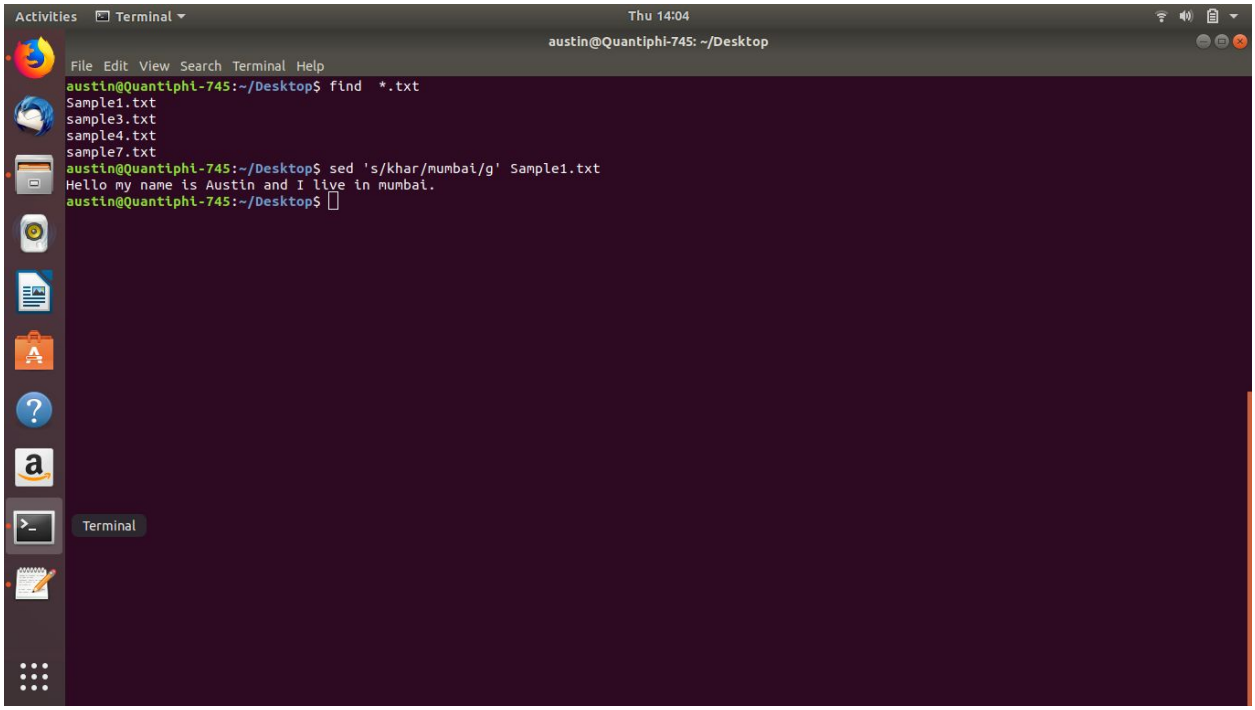
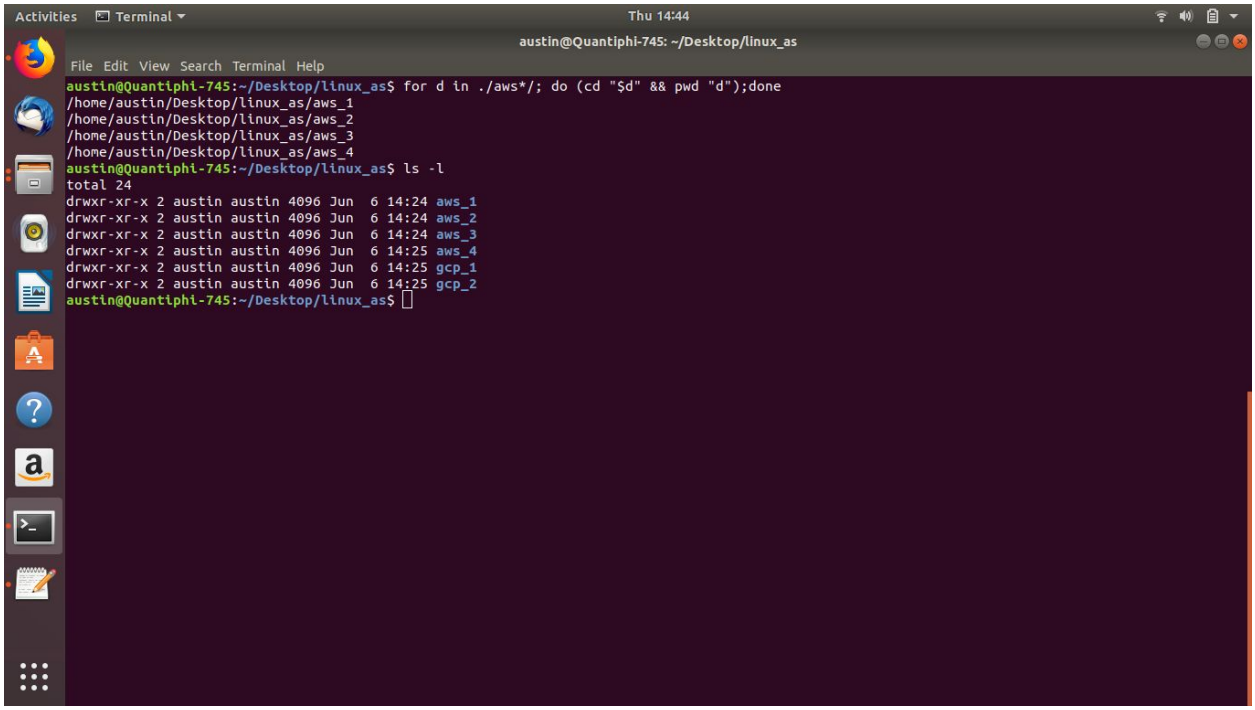
1.Consider a text file which has multi-lines text, output all the lines which has a specific word and also output the total number of occurrences of that word.



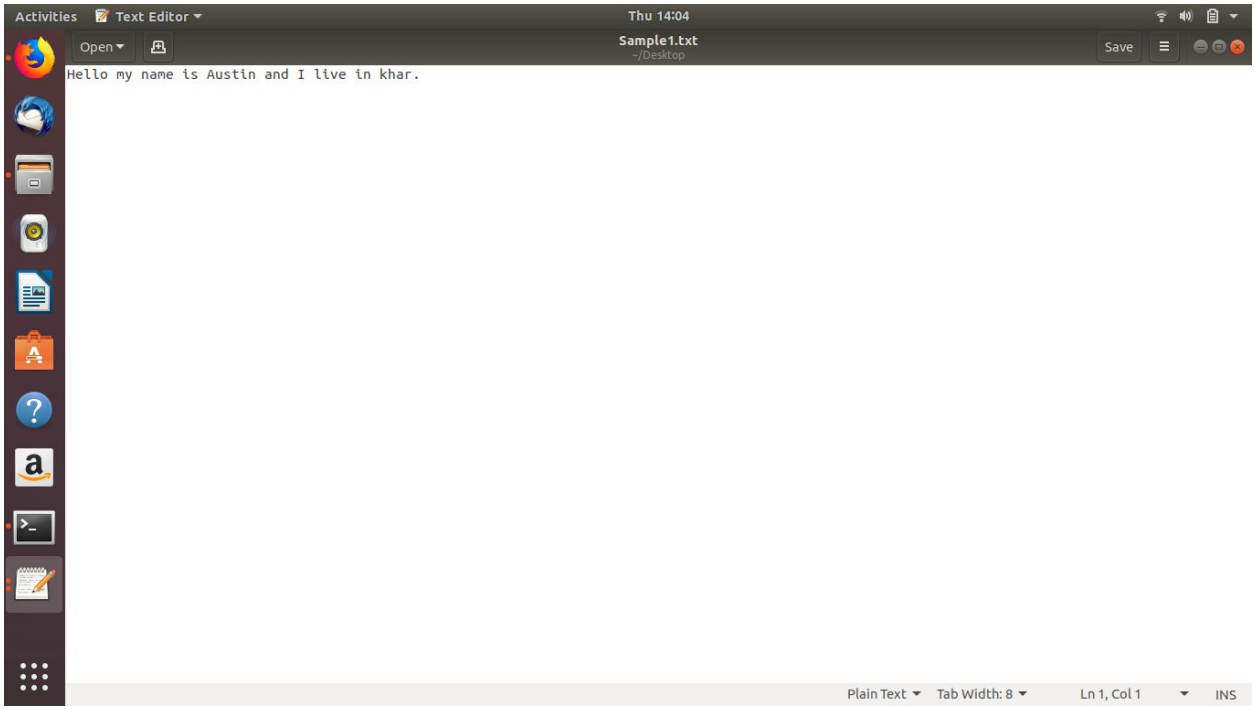
2. Search for all the files that have a '.txt' extension in the current working directory.

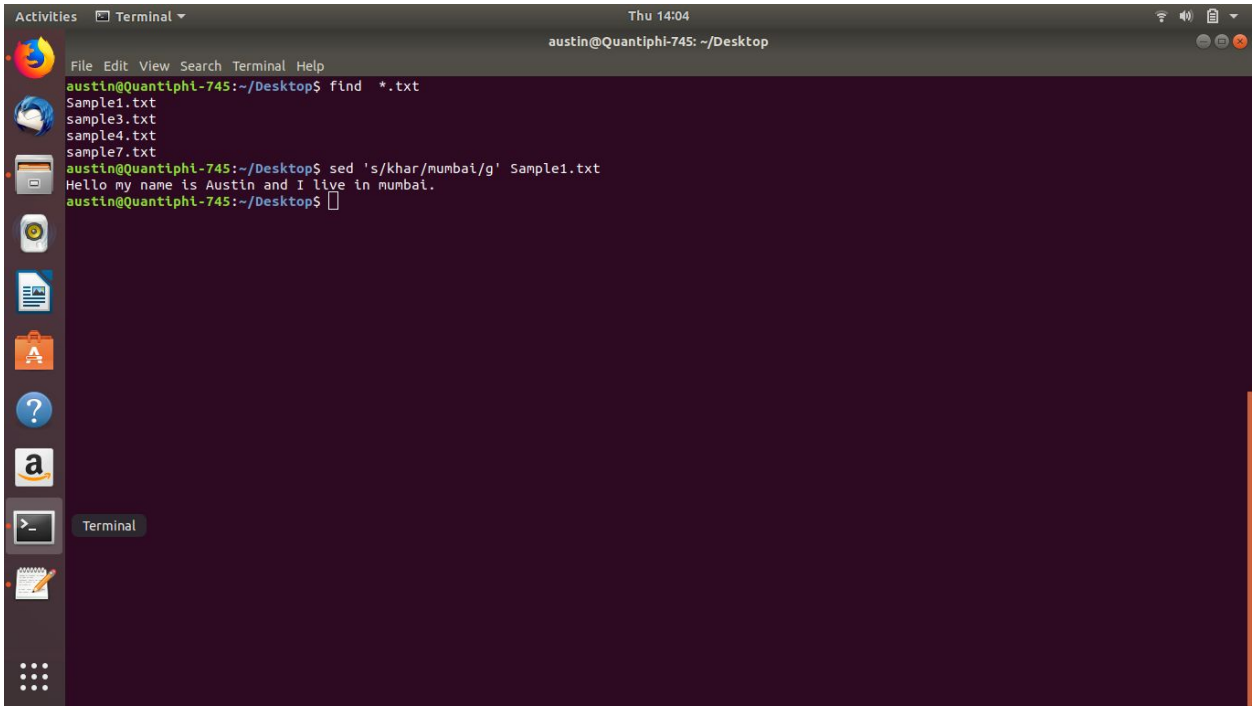


3.Execute a specific command in all the subdirectories whose names starts with "aws". For example, your sub-directories are "aws_1", "aws_2", "gcp_1", "aws_3"., Execute "pwd" command in the directories "aws_1", "aws_2" and "aws_3".



4.Consider a text file and replace a specific word with any word of your choice.





5.Use jq command line tool to get the arn of the s3 bucket from the file “s3_info.txt” which has the below content


```
{
  "Records": [
    {
      "eventVersion": "2.0",
      "eventTime": "1970-01-01T00:00:00.000Z",
      "requestParameters": {
        "sourceIPAddress": "127.0.0.1"
      },
      "s3": {
        "configurationId": "testConfigRule",
        "object": {
          "eTag": "0123456789abcdef0123456789abcdef",
          "sequencer": "0A1B2C3D4E5F678901",
          "key": "HappyFace.jpg",
          "size": 1024
        },
        "bucket": {
          "arn": "arn:aws:s3:::mybucket",
          "name": "sourcebucket",
          "ownerIdentity": {
            "principalId": "EXAMPLE"
```

```
        }
       },
       "s3SchemaVersion": "1.0"
     },
     "responseElements": {
       "x-amz-id-2":
"EXAMPLE123/5678abcdefghijklambdaisawesome/mnopqrstuvwxyzABCDEFGH
",
       "x-amz-request-id": "EXAMPLE123456789"
     },
     "awsRegion": "us-east-1",
     "eventName": "ObjectCreated:Put",
     "userIdentity": {
       "principalId": "EXAMPLE"
     },
     "eventSource": "aws:s3"
   }
  ]
}
```