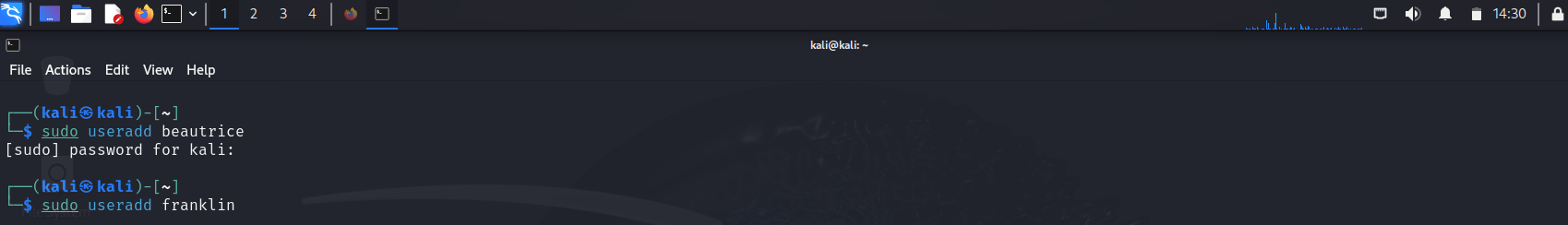
# ABC Inc.

**Five new employees; Beatrice, Paul, Smith, Felix, Franklin as users was created**

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****

****

**Then two groups were created; Finance and IT Deartment**

****

**User Felix and Franklin are added to the IT group**

****

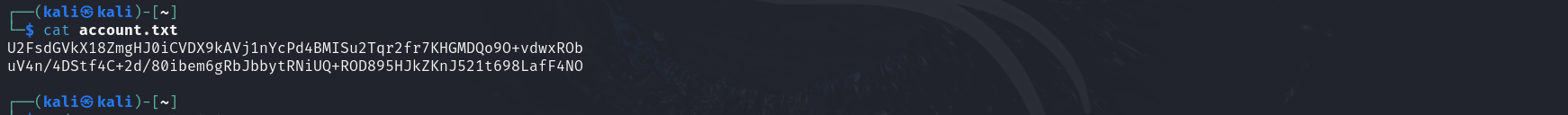
**While user Paul and Smith are added to Finance group**

****

**An encrypted file is created with the message ‘this is a confidential file which means it on a need to know basis’ which the encryption is an AES symmetric encryption done with openssl**

****

**And the encrypted file is displayed as:**

****

**The User, group and other are given read and write permissions on the file**

****

**Using set file access control list Finance group is given read access**

****

**While user Beatrice and IT group is given read and write permission on the file**

****