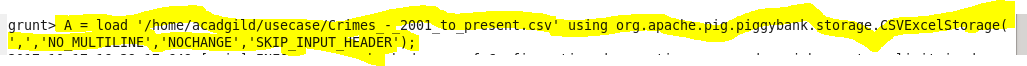


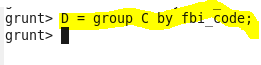
**Explanation:-**















**OUTPUT:-**

