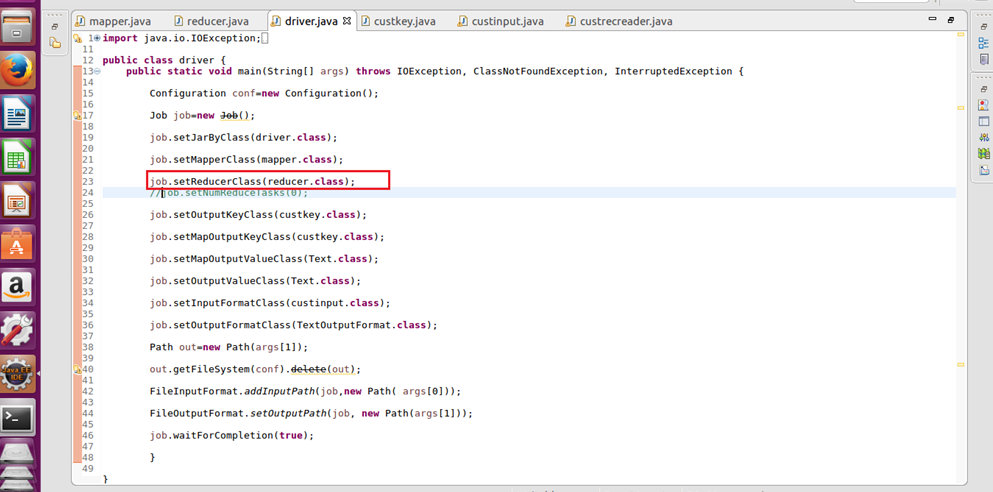
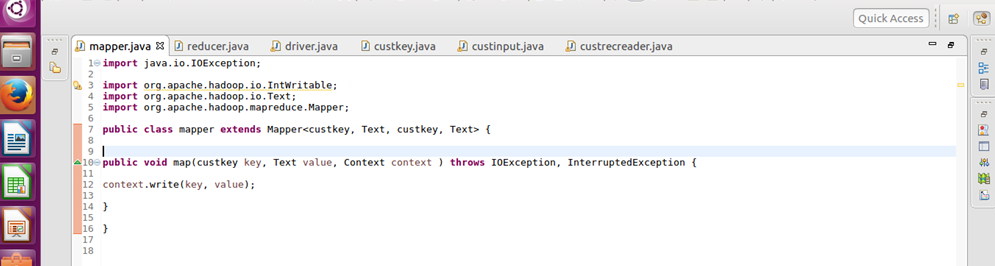
***Ques:- This dataset consists of two columns i,e., first\_name & last\_name &city use custom input format to read the key as the combination of first\_name and last\_name and arrange the output of the program should be the key sorted by last\_name*.**

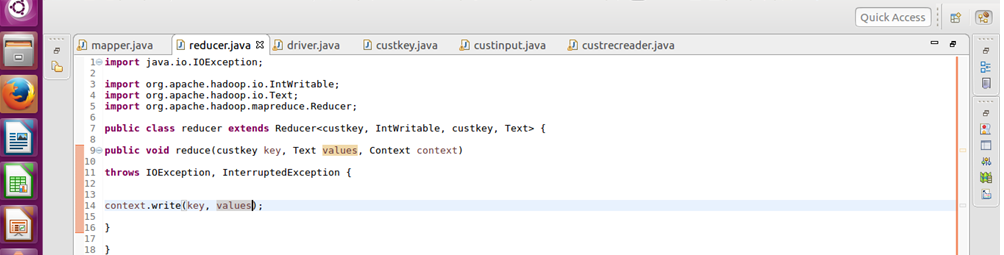
**Driver**



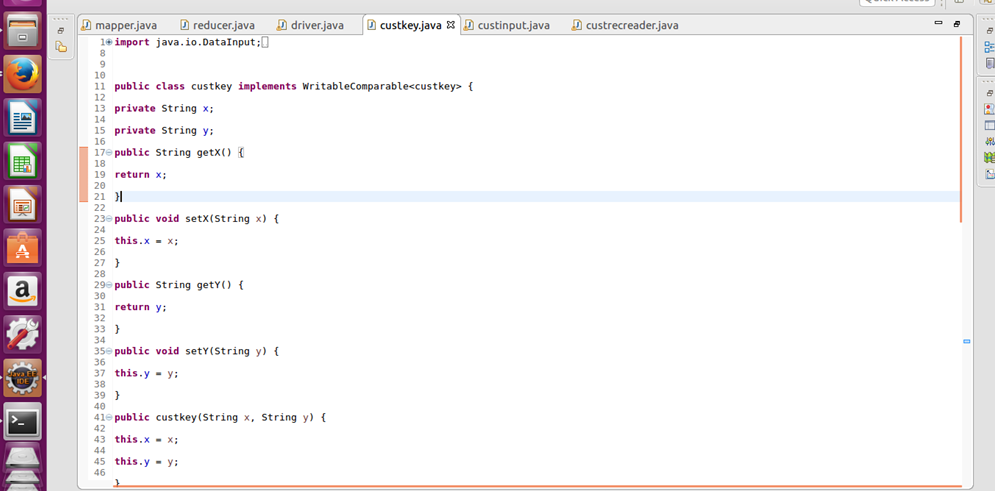
**Mapper**



**Reducer**



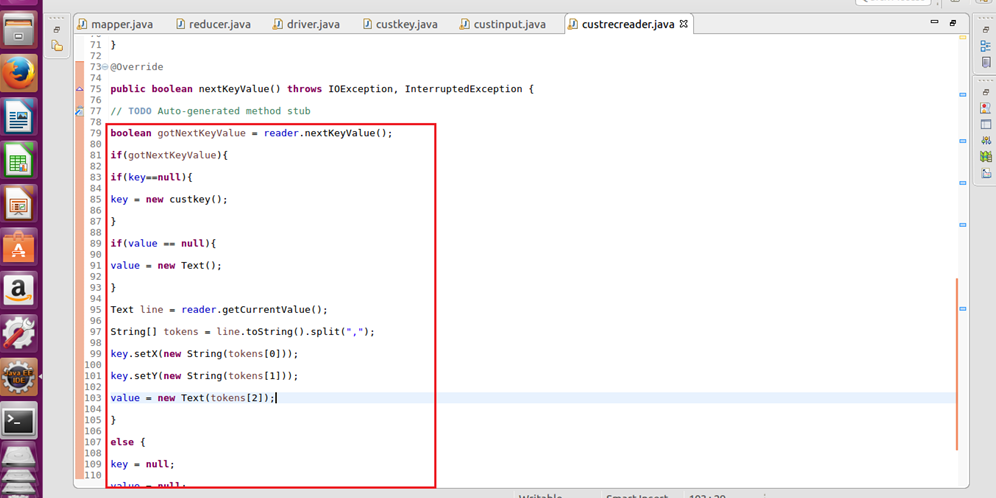
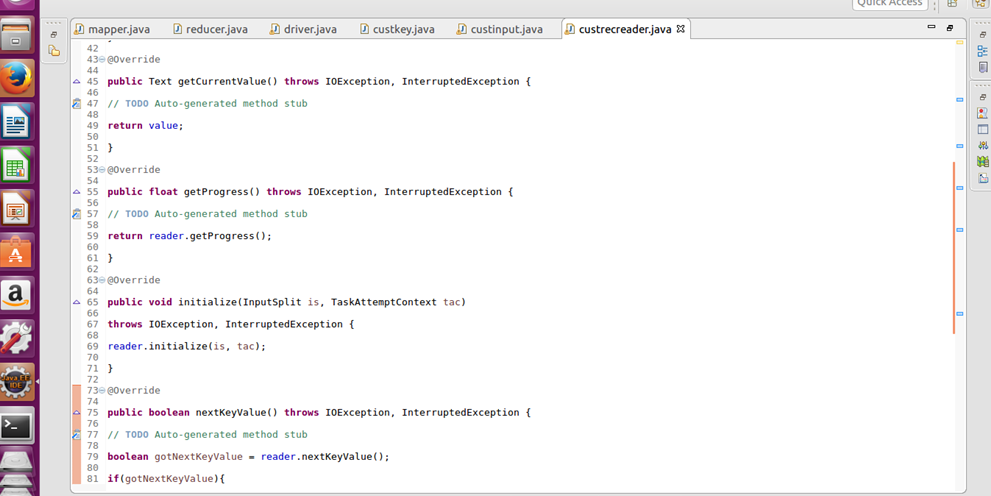
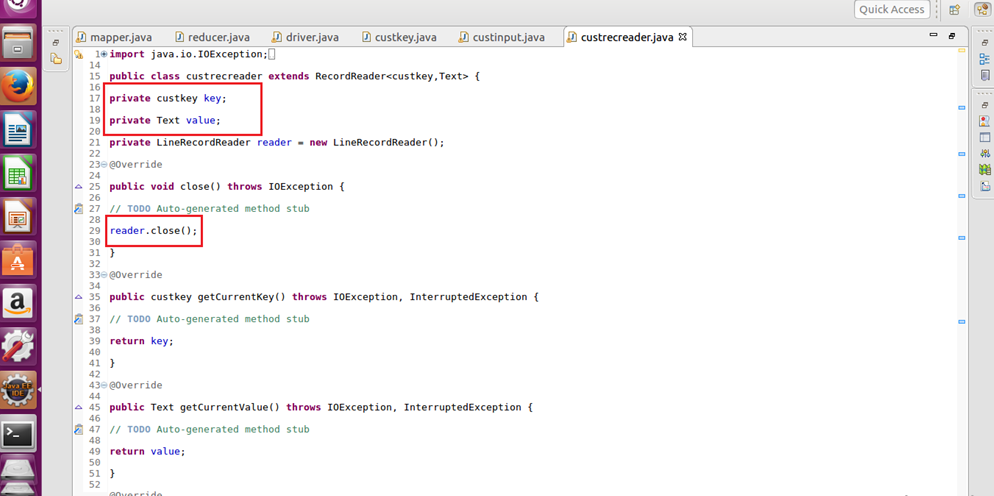
**Custom key**



**Custom file format**



**Custom record reader**



**Output**

