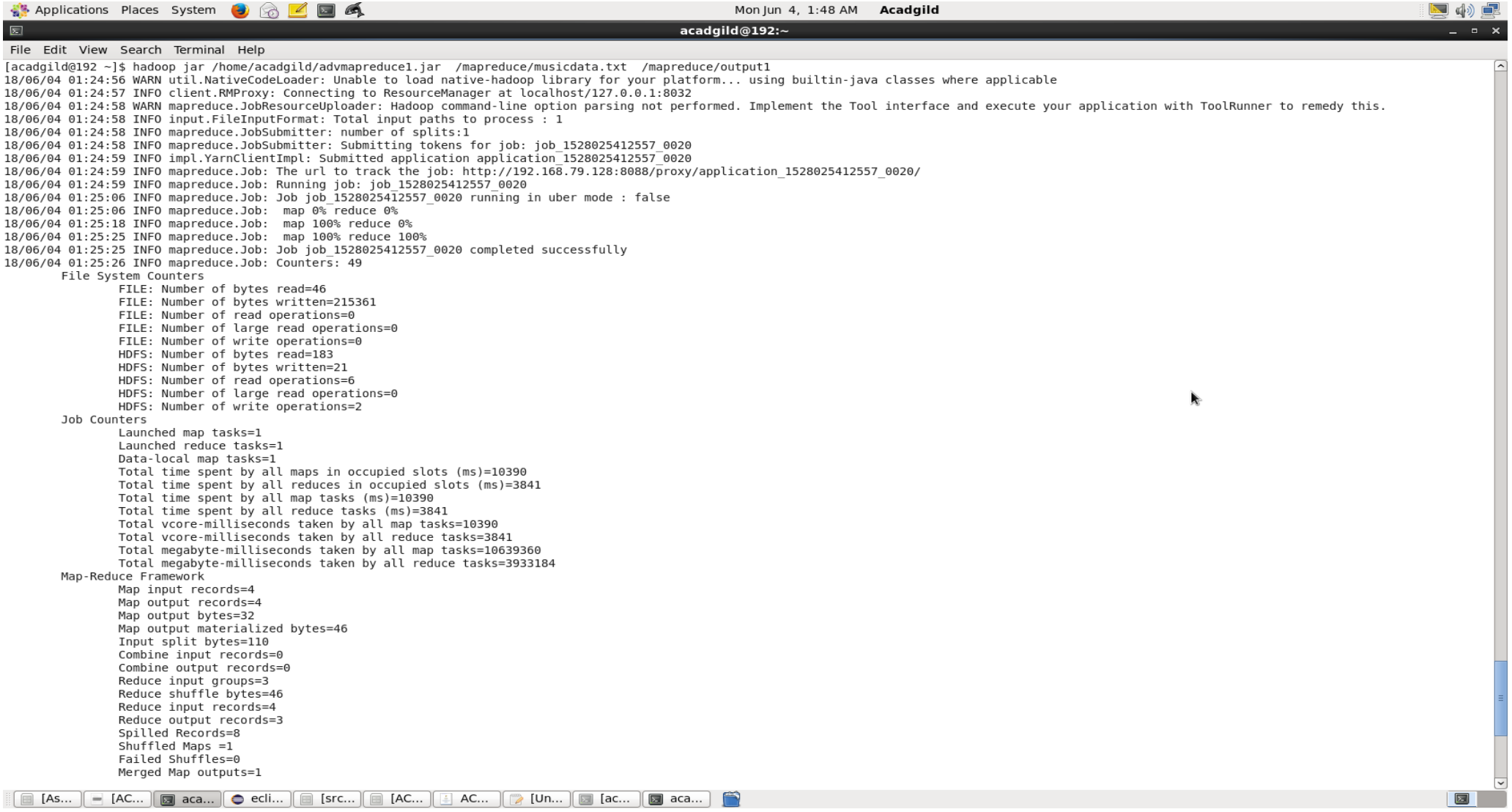
Advanced MapReduce

Task 1:

Find the number of unique listeners in the data set.

Approach for this is Userid is Unique so assigning this as KEY, There is no value column which can be assigned as nullable



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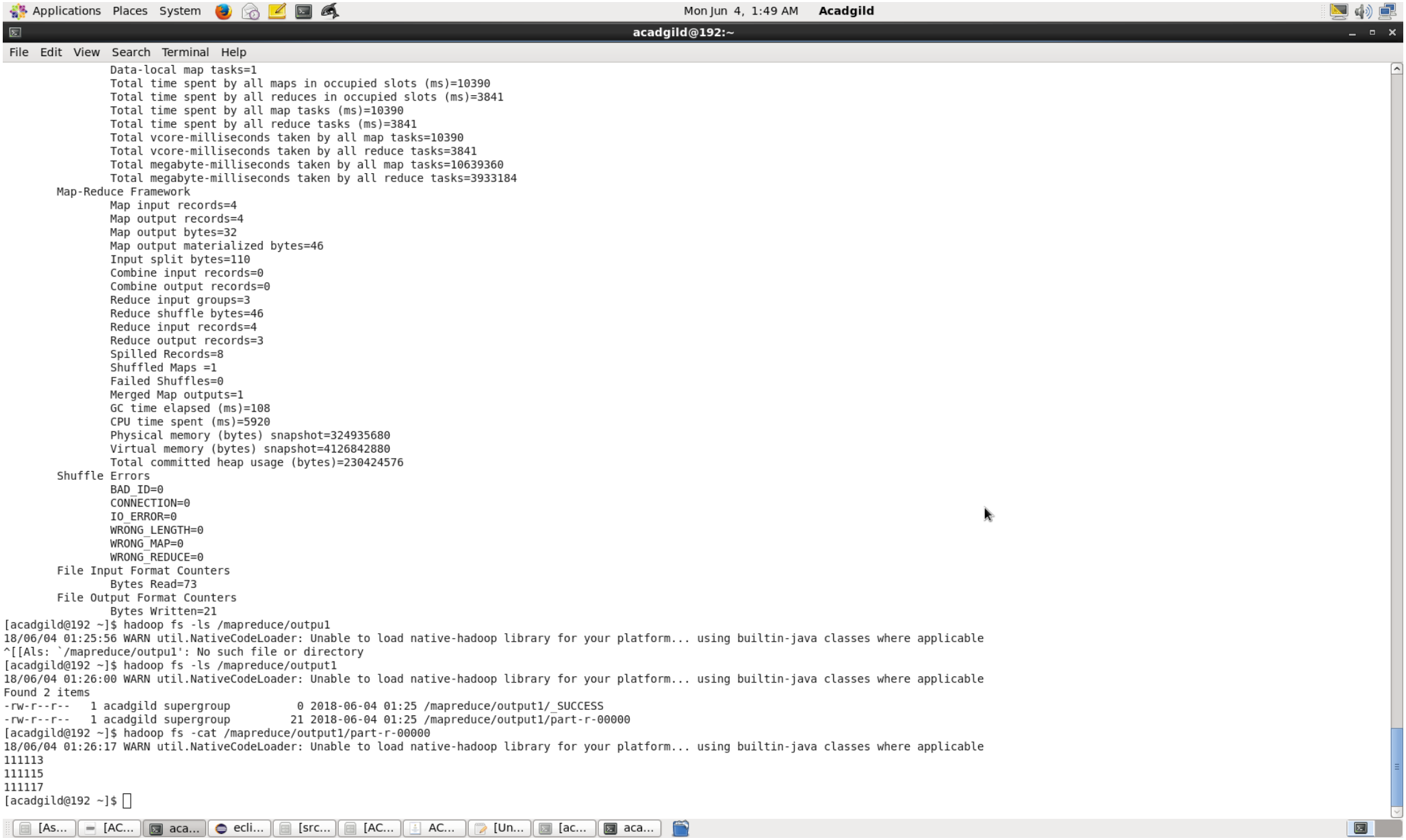
Answer for the requirement as show below, Output of Unique listeners



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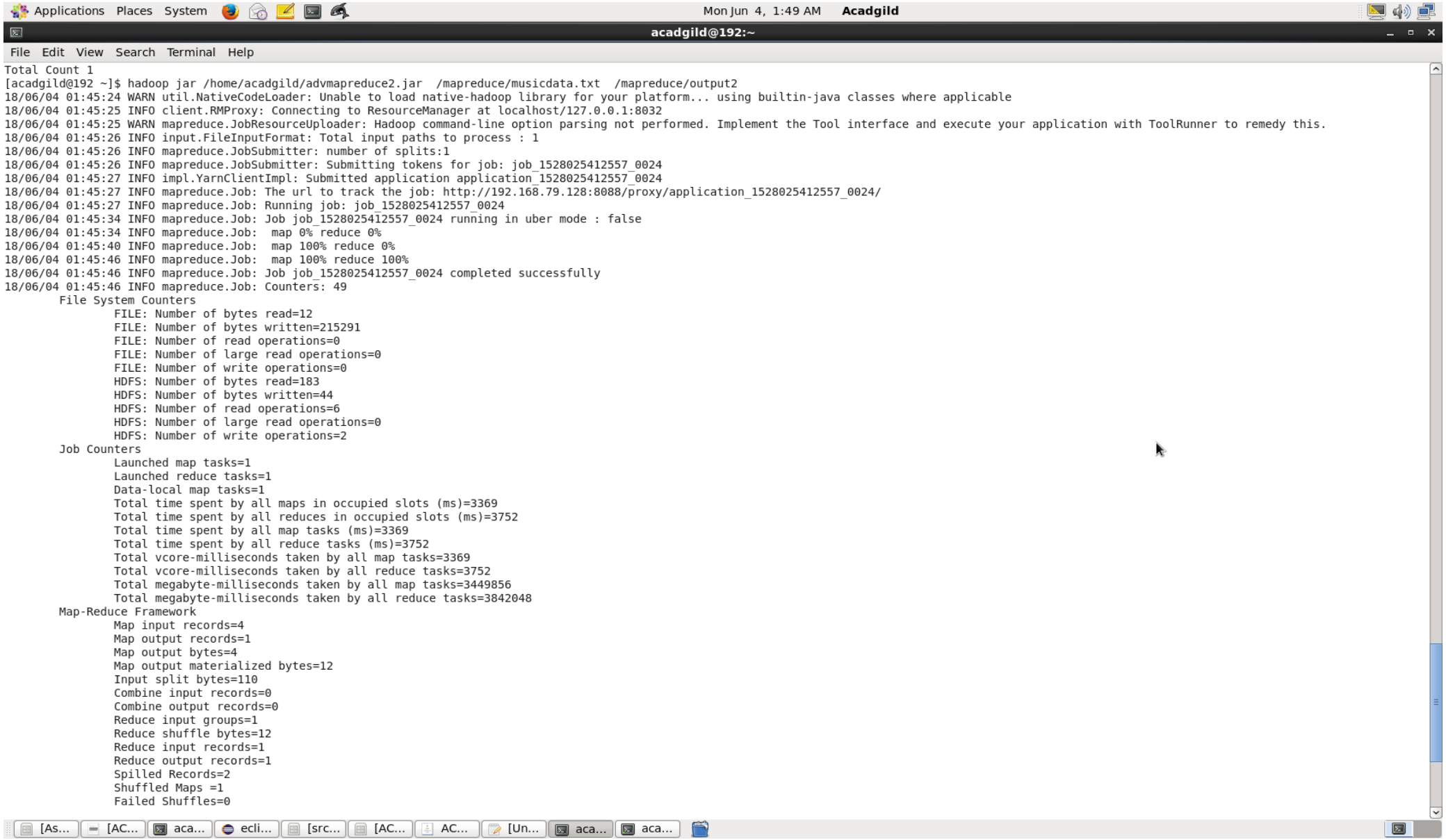
Task 2: What are the number of times a song was heard fully?

Indicator to listen song fully is 1 where 0 is for skipped so, here we need number of times i.e sum of fully heard songs approach is Key is Nullable, Value Will be Iterated and counted the time heard fully



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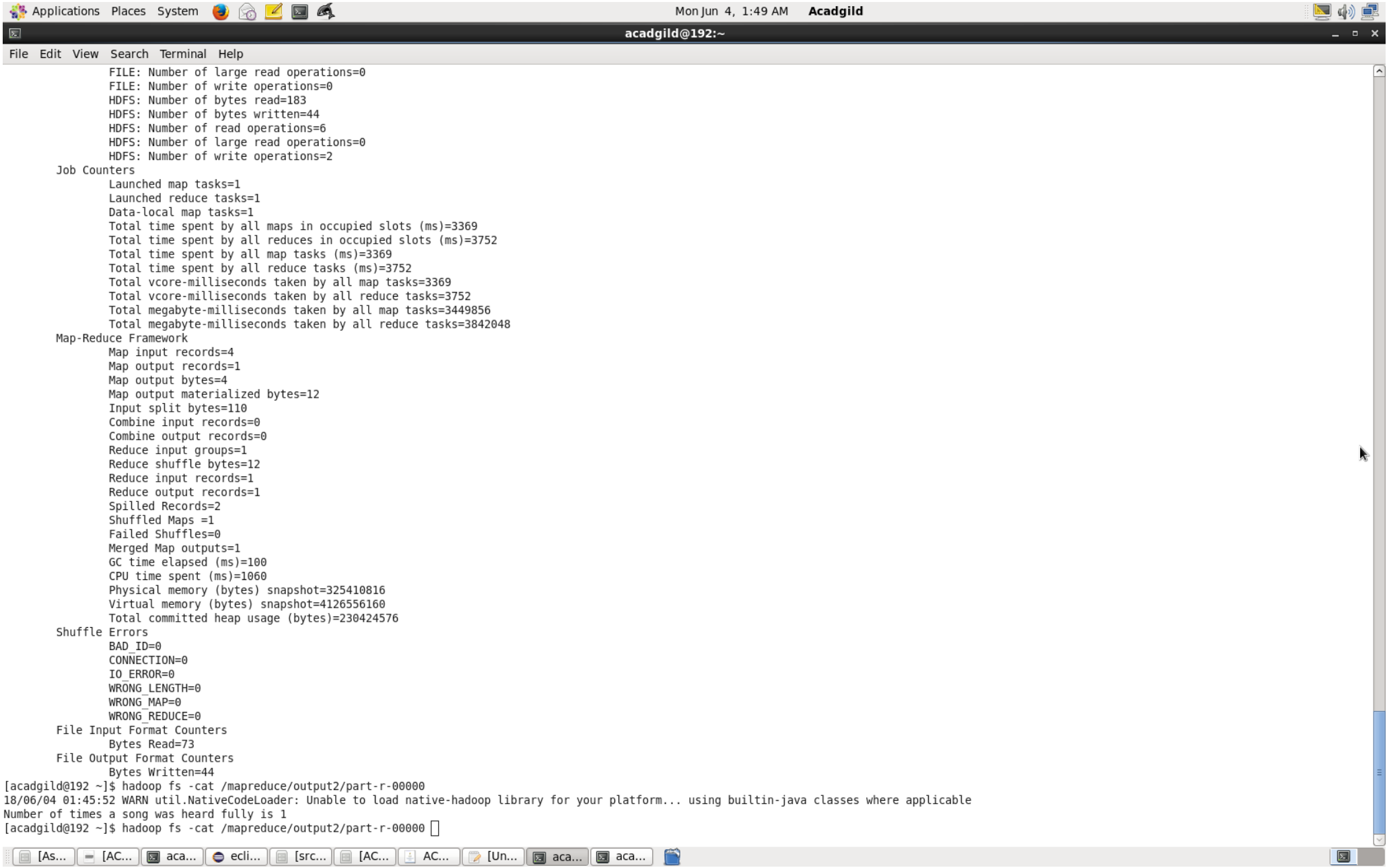

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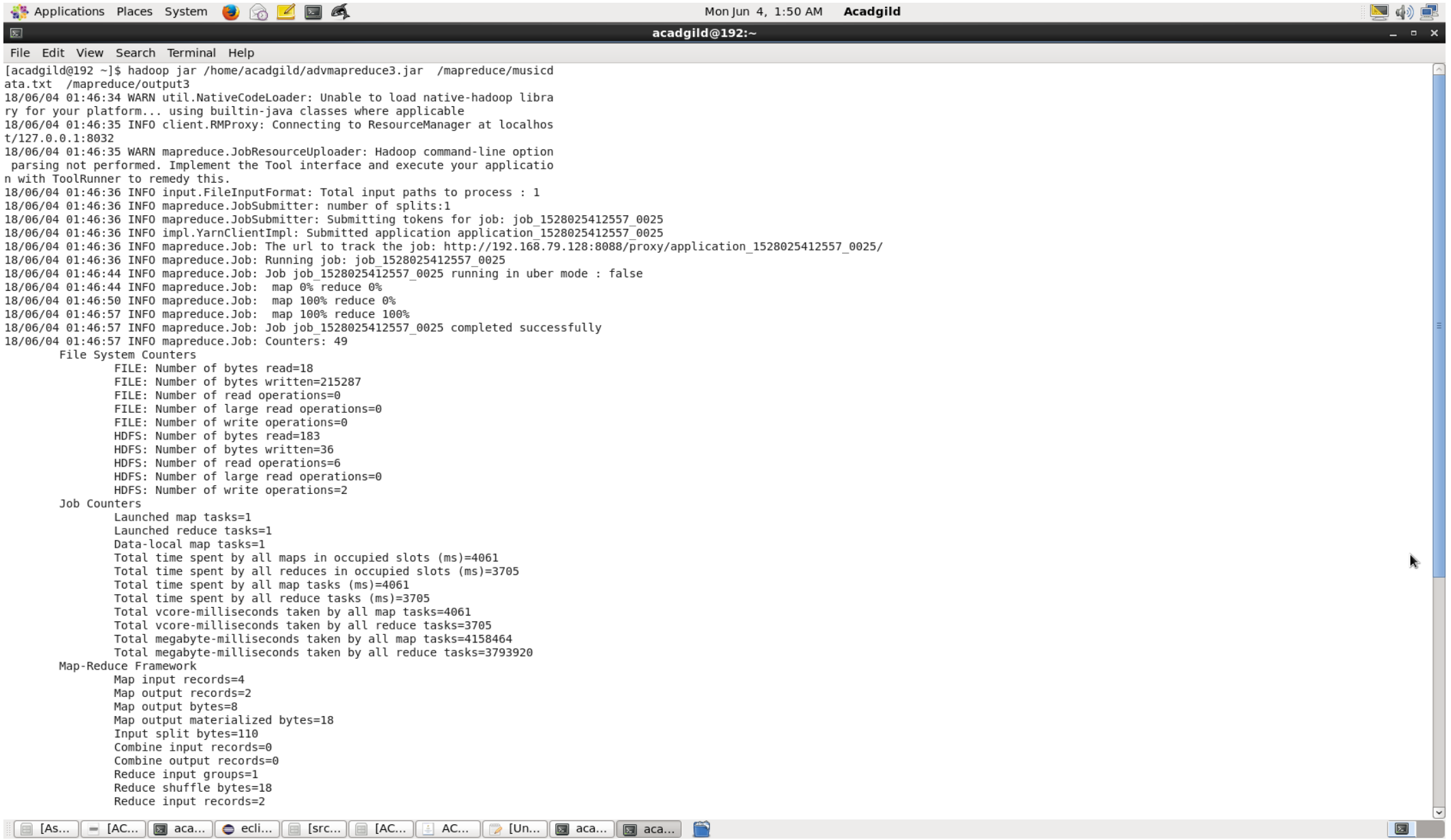
TASK 3: What are the number of times a song was shared?

Approach is same as above where we need to count the number of shares so, Key can be nullable, where we will iterate through Values clause for count



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