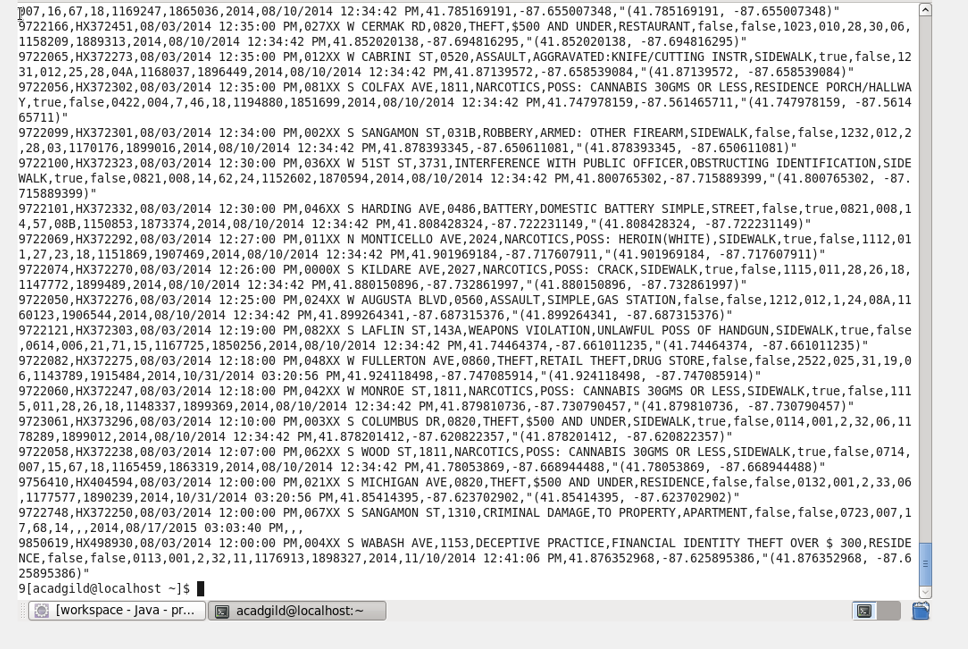
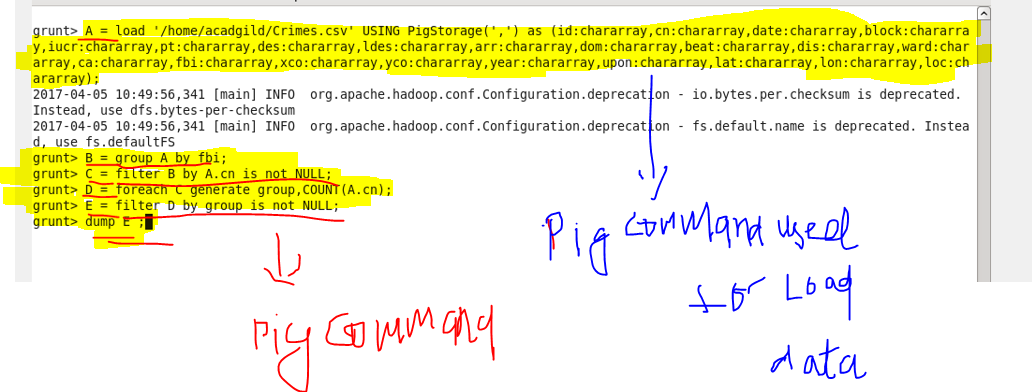
INPUT FOR PROJECT 1:-

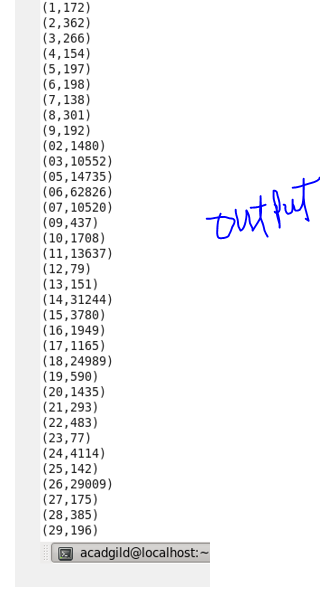


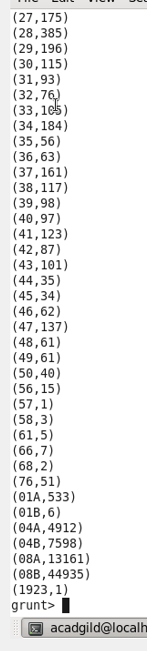
PROJECT 1:-

PROBLEM 1:-

SOLUTION BY PIG:-

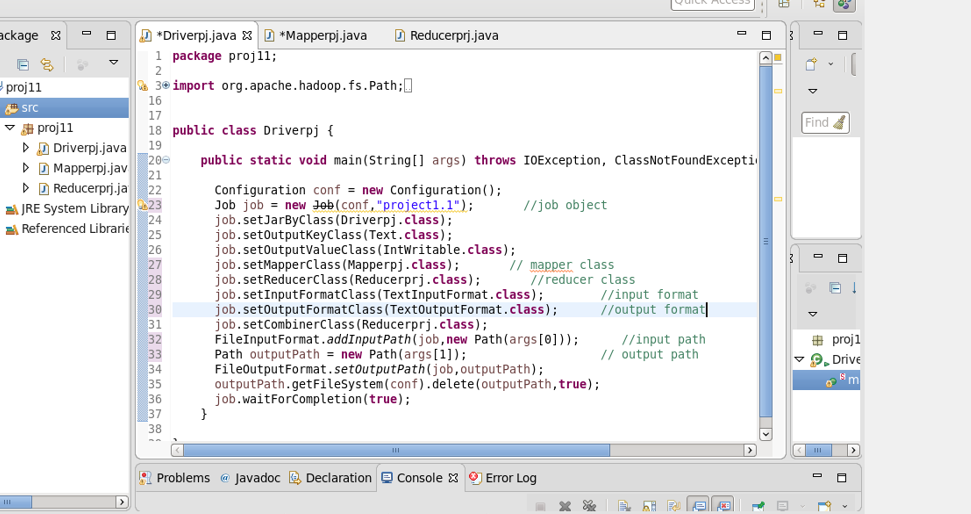




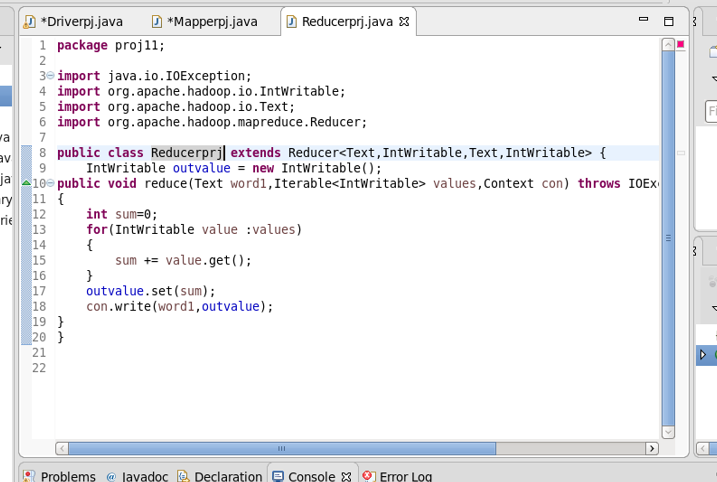


SOLUTION BY MAPREDUCE:-

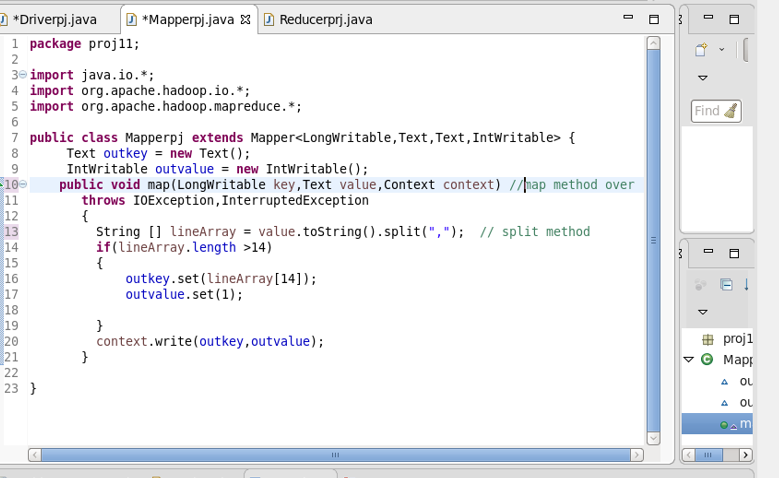
DRIVER CLASS:-



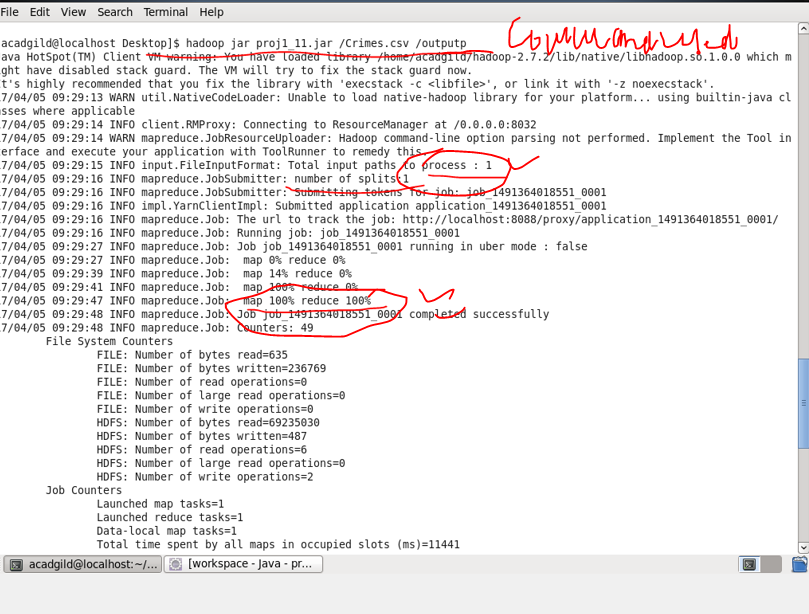
REDUCER CLASS:-

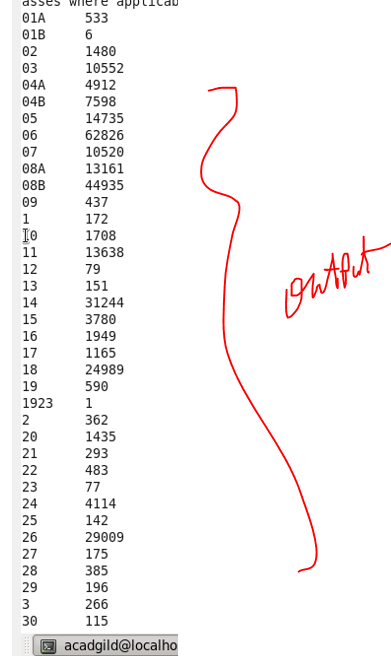


**THE DRIVER AND REDUCER CLASS WILL BE SAME FOR ALL 4 PROBLEMS SO I HAVE ATACHED ONLY MAPPER AND OUTPUT FOR REST OF PROBLEMS**

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**OUTPUT MAPPER:-**

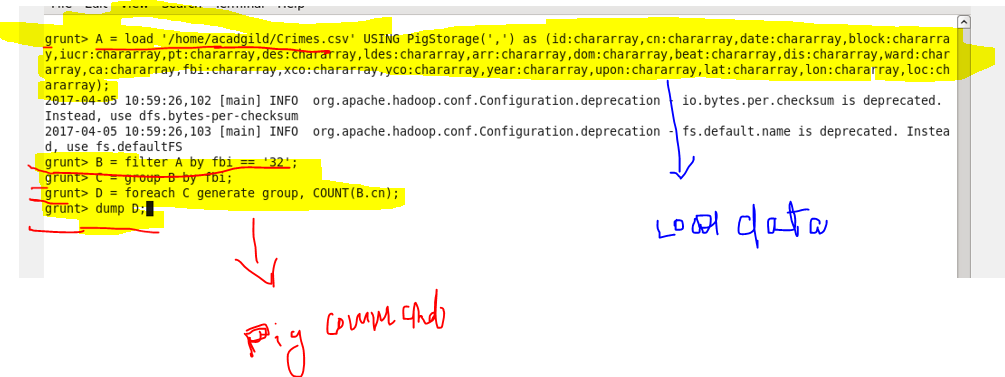
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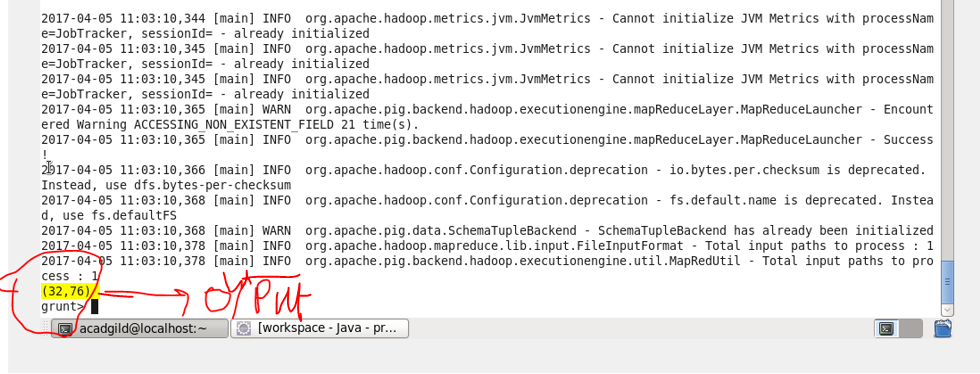
**PROBLEM 2:-**

**SOLUTION BY PIG:-**

**PIG PROGRAM:-**

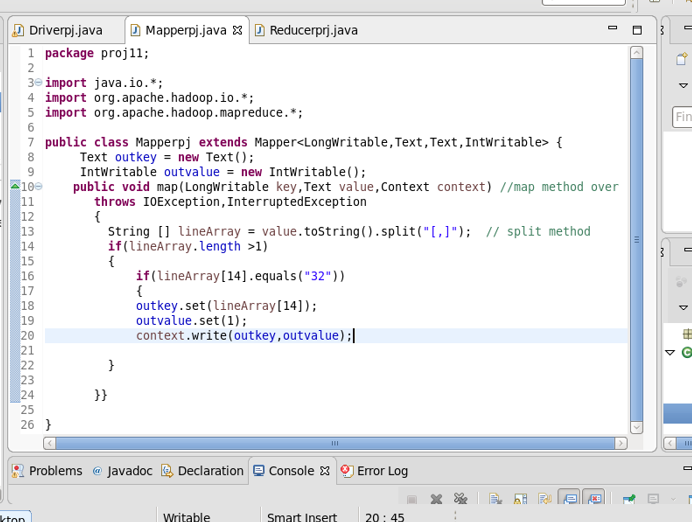
****

**PIG OUTPUT:-**

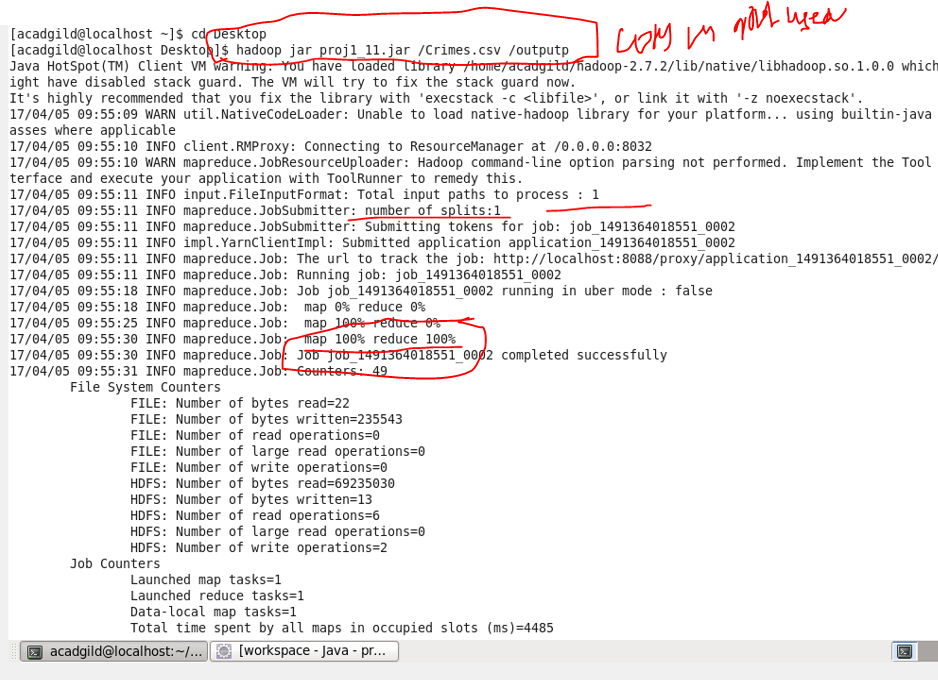
****

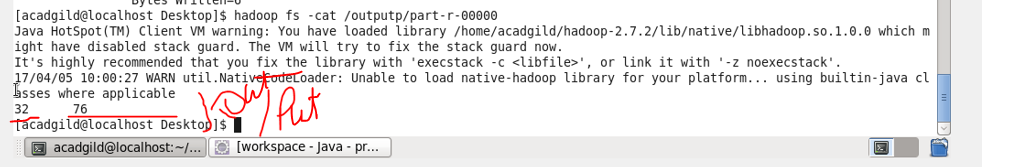
**SOLUTION BY MAPPER :-**

**MAPPER PROGRAM:-**

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**OUTPUT BY MAPPER:-**

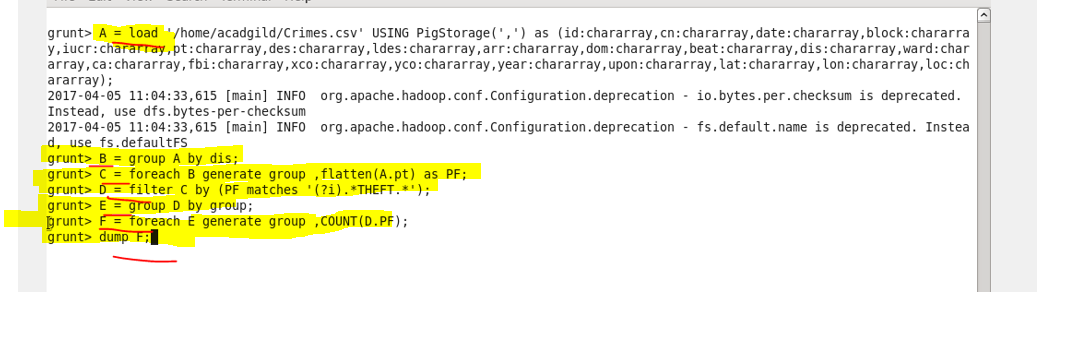
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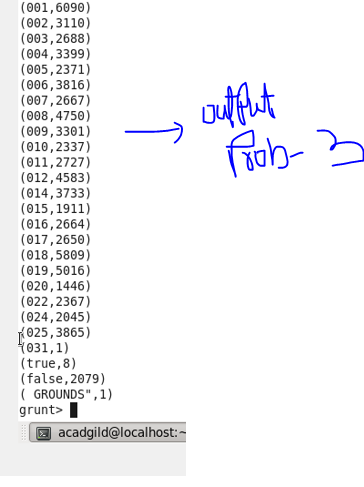
**PROBLEM 3:-**

**SOLUTION BY PIG:-**

**PIG COMMANDS:-**

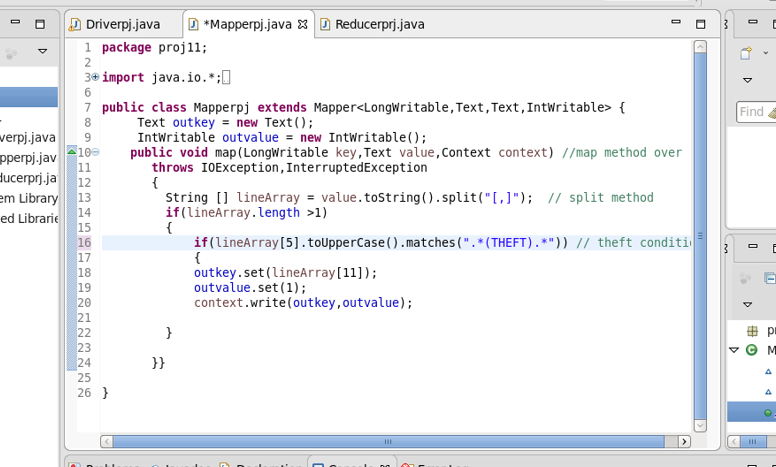
****

**PIG OUTPUT:-**

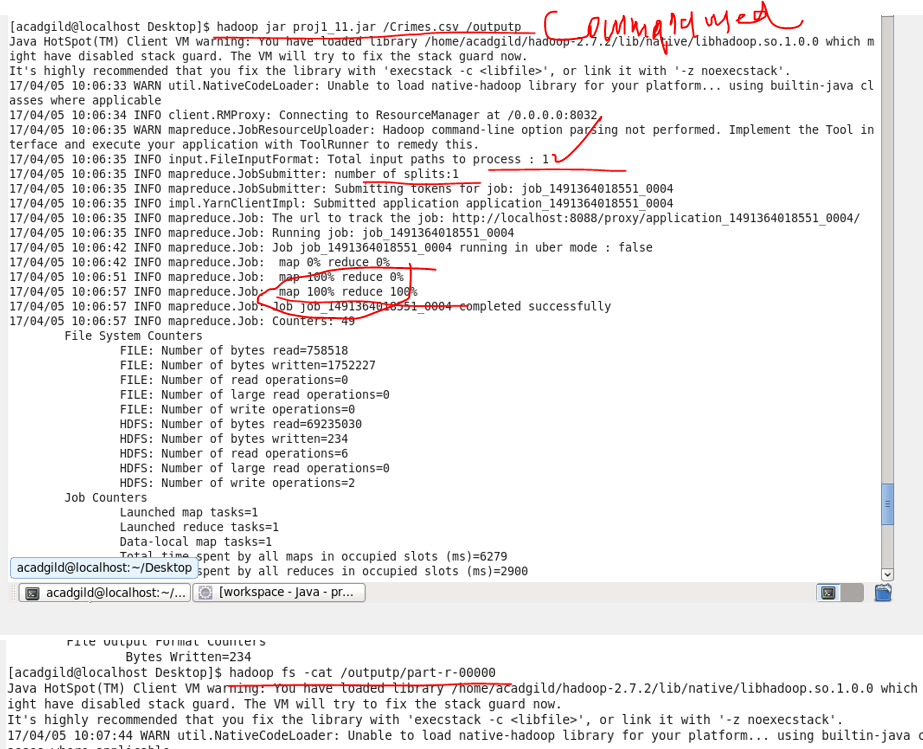
****

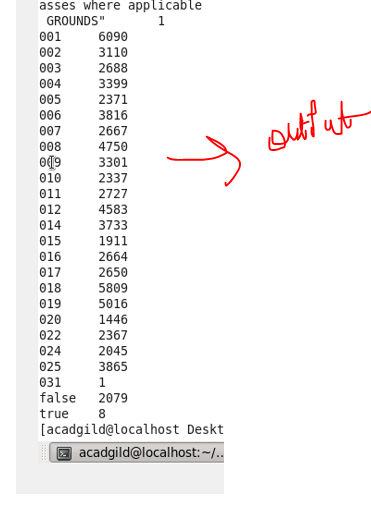
**SOLUTION BY MAPPER:-**

**MAPPER CLASS:-**

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**OUTPUT MAPPER:-**

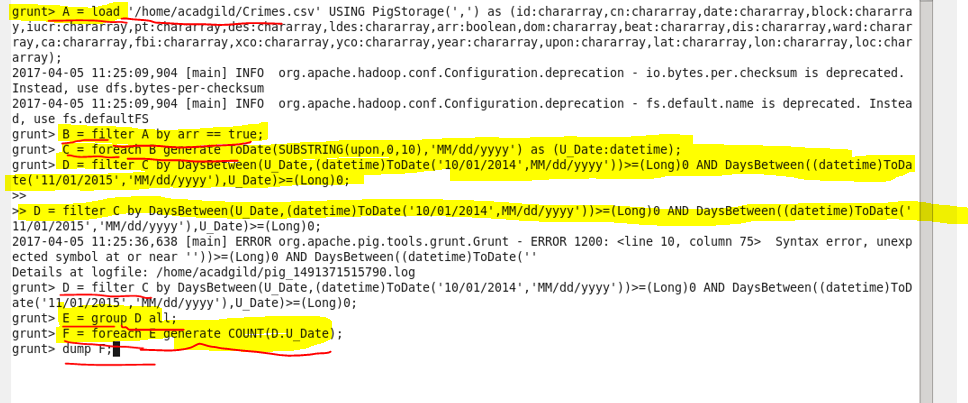
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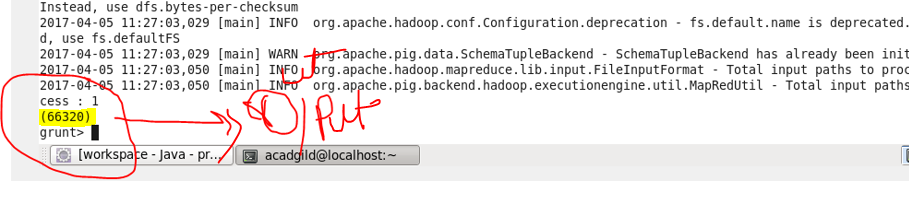
**PROBLEM 4:-**

**SOLUTION BY PIG:-**

**PIG COMMANDS:-**

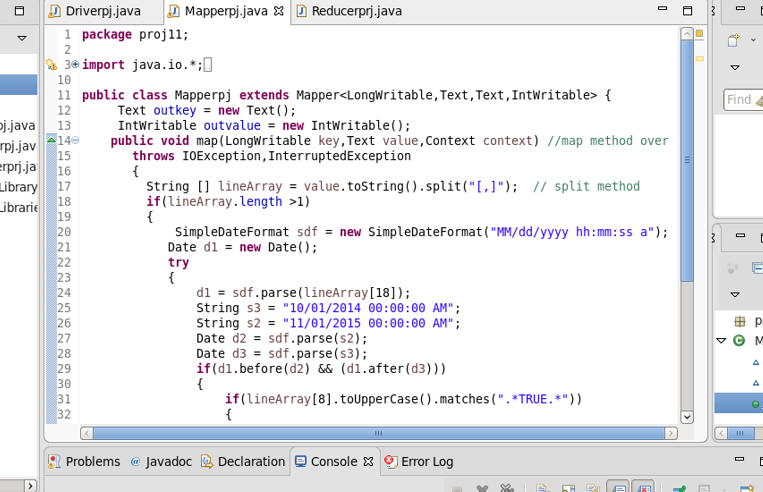
****

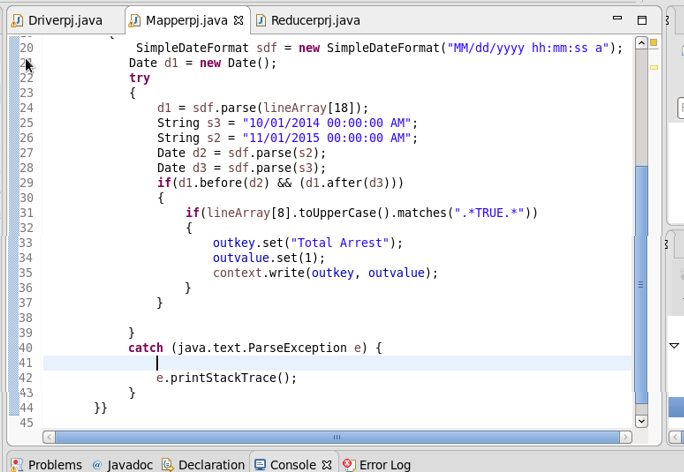
**PIG OUTPUT:-**

****

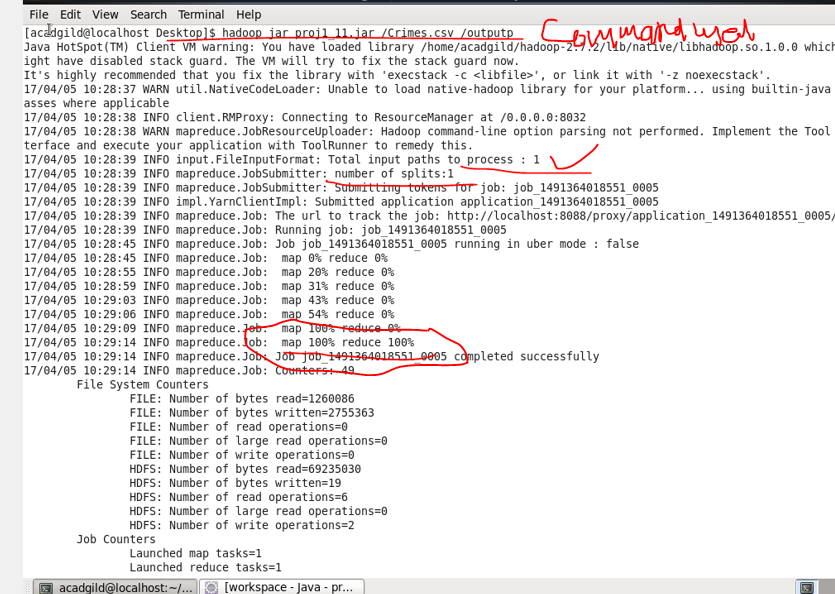
**SOLUTION BY MAPPER:-**

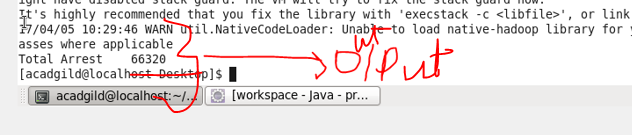
**MAPPER CLASS:-**

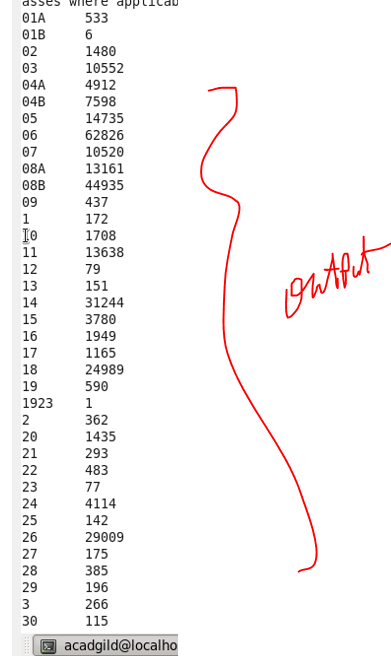
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**OUTPUT MAPPER:-**

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