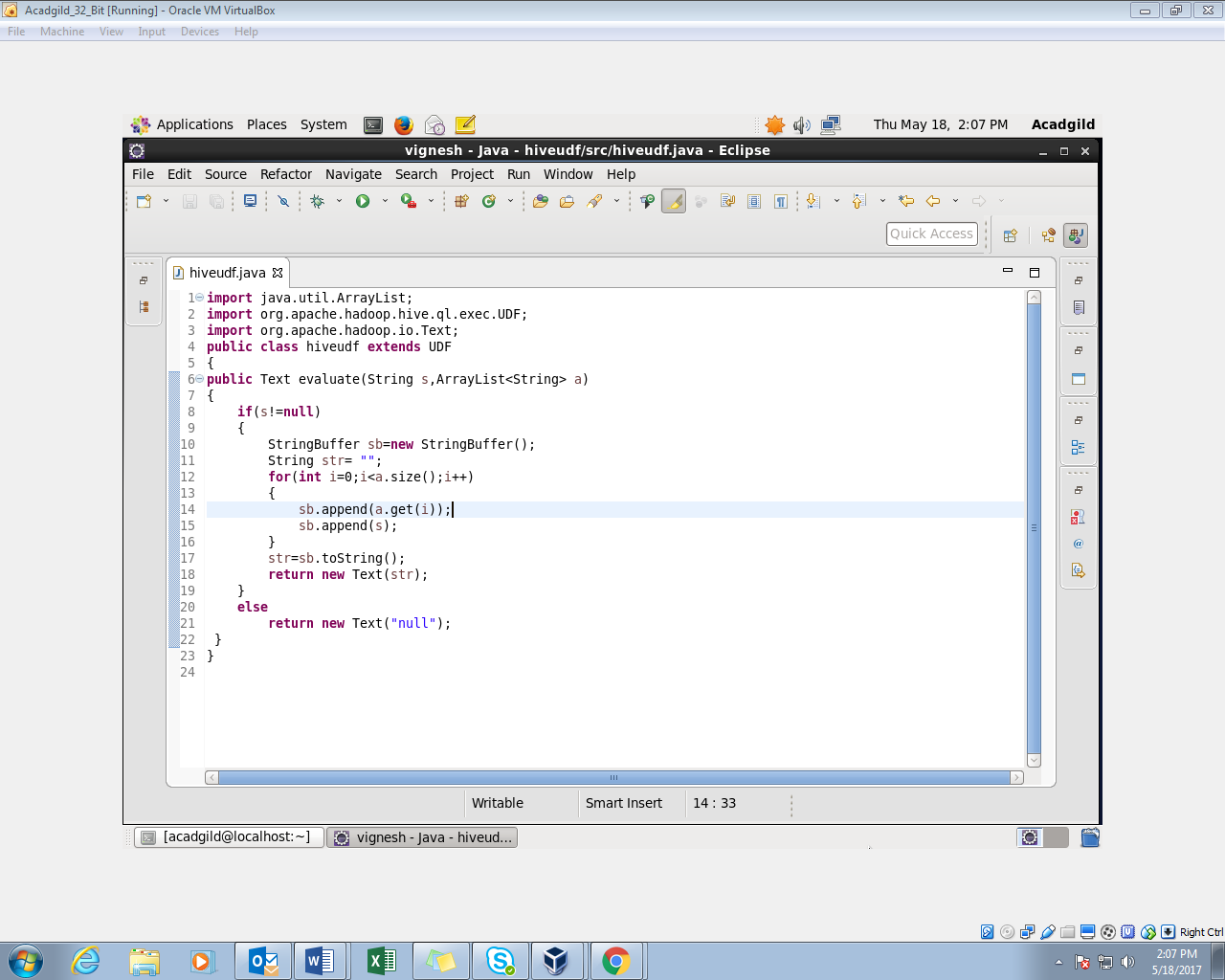
**ASSIGNMENT 29.1**

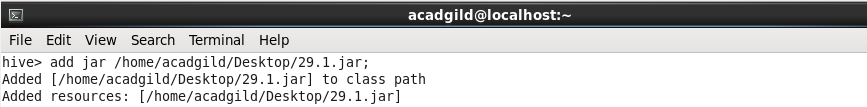
**QUESTION :** Write a hive UDF that implements functionality of string concat\_ws(string SEP, array). This UDF will accept two arguments, one string and one array of string. It will return a single string where all the elements of the array are separated by the SEP.

**ANSWER :-**

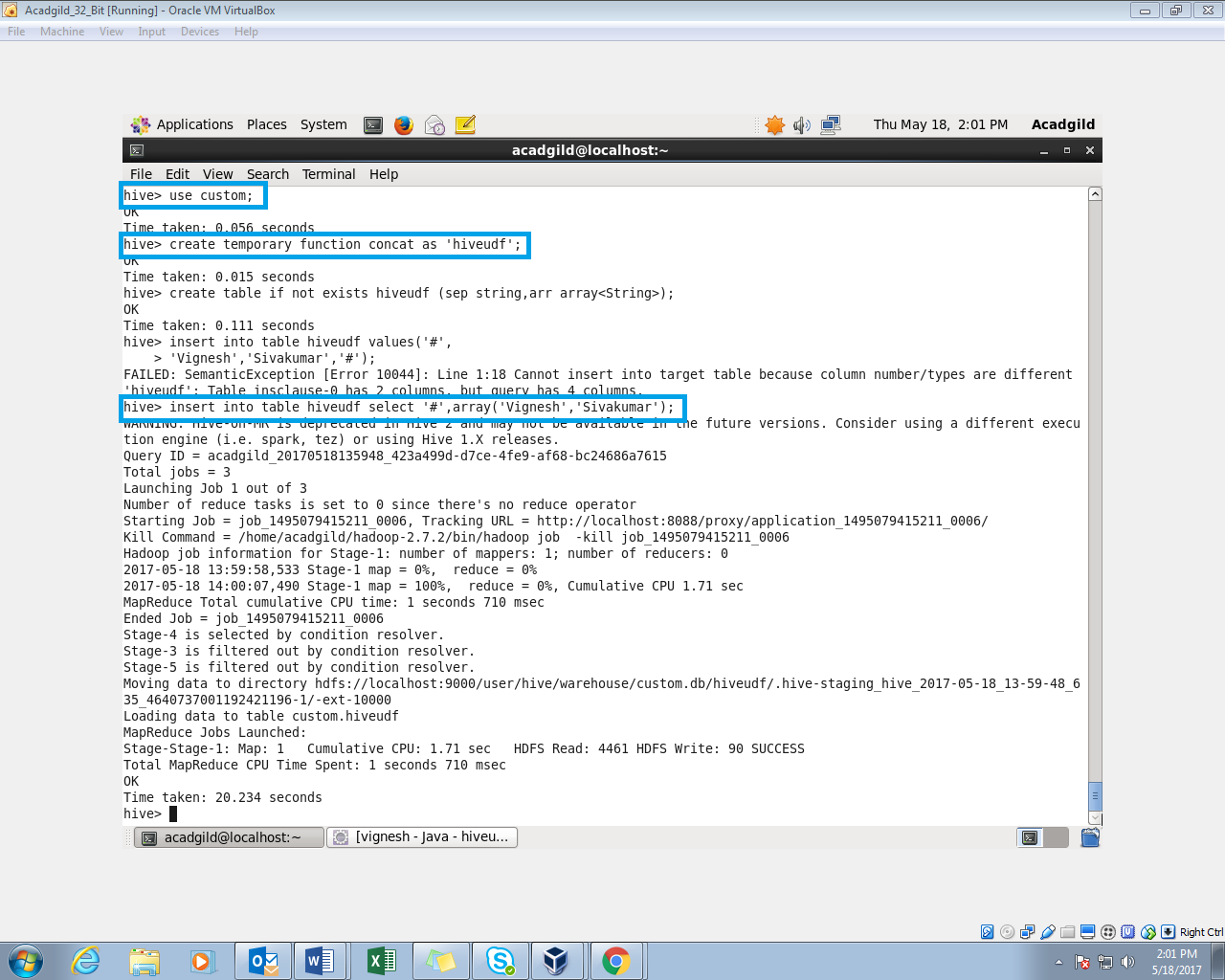
**Step 1:** This java code is used to return all elements of the string separated by a separator.



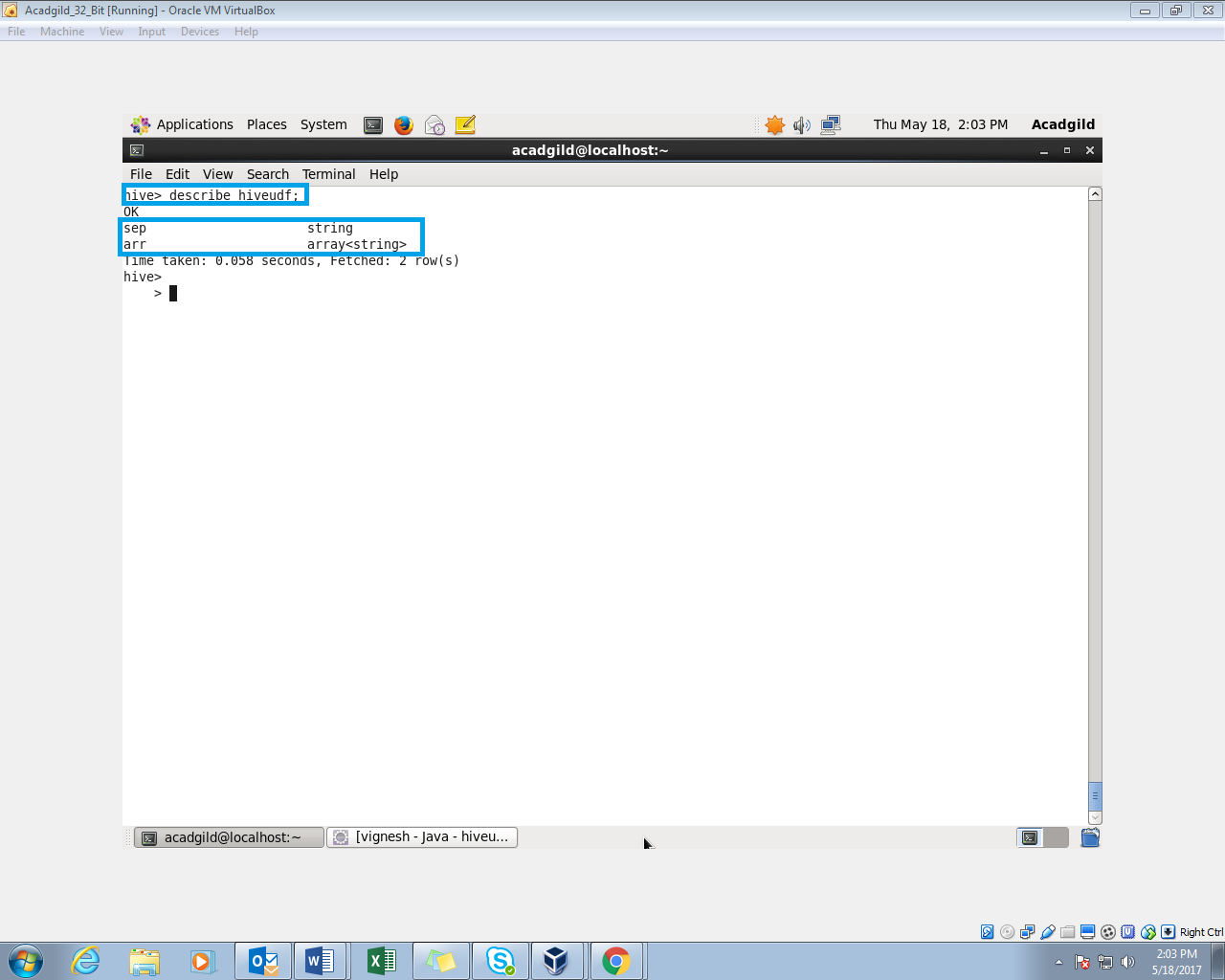
**Step 2**: The jar file is added to the shell.

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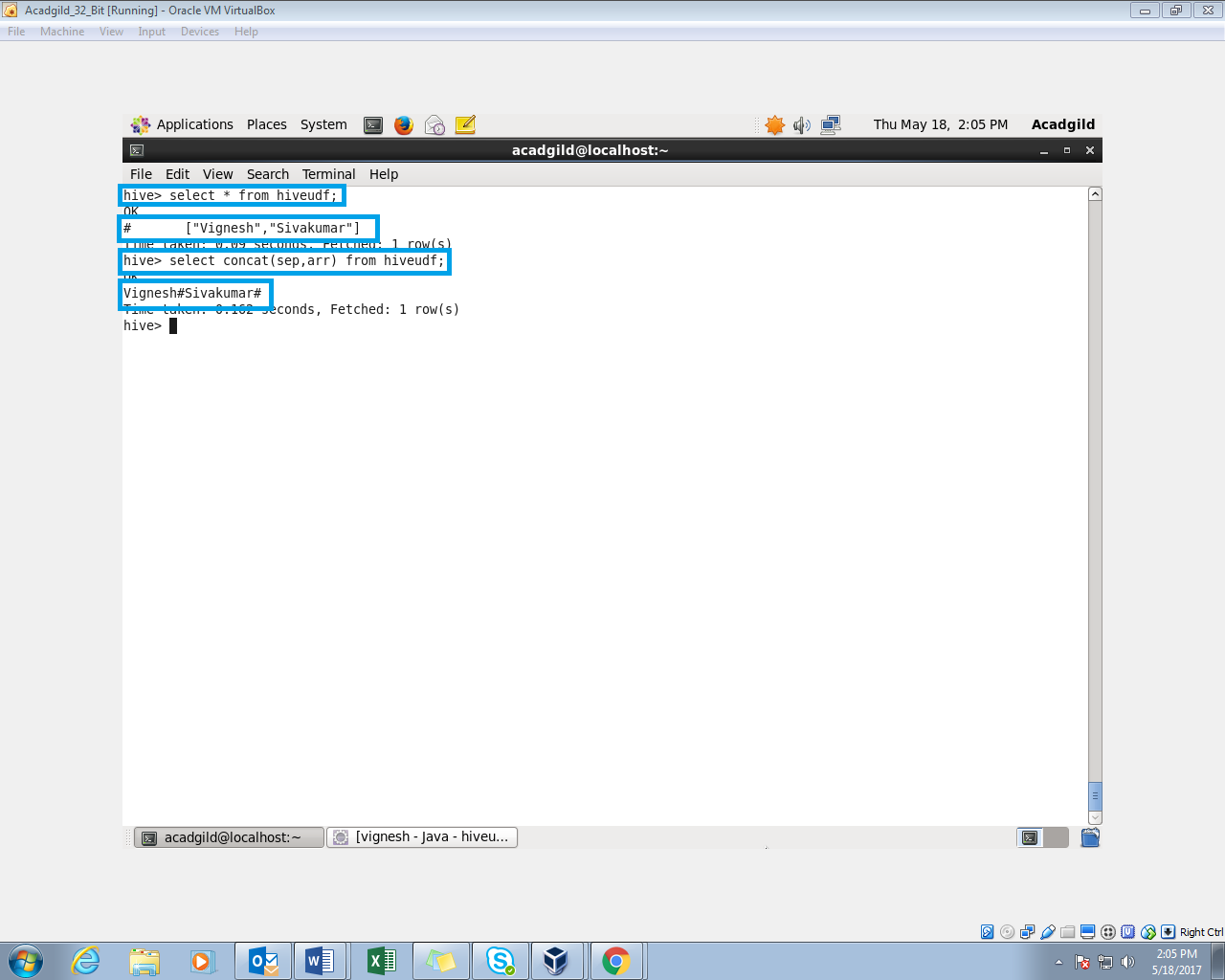
**Step 3:** Create a temporary function and also a table;the contents of the table being a string(sep) and array(arr).

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**Step 4:** The table is described

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**Step 5:** The temporary function concat is used to get the output as following.

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