**Name:- Samreen Shaikh Roll no:- 64**

**Subject:- Big Data Analytics Date:- 21/02/2025**

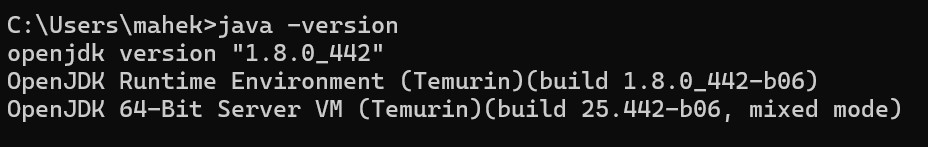
**PRACTICAL - 15**

**HBASE INSTALLATION AND OPERATIONS**

**INSTALLATION**

**STEP I : *PRE-REQUISITES***

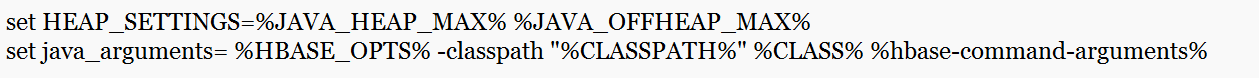
**a) Check if JDK Version 1.8 is installed in your system.**

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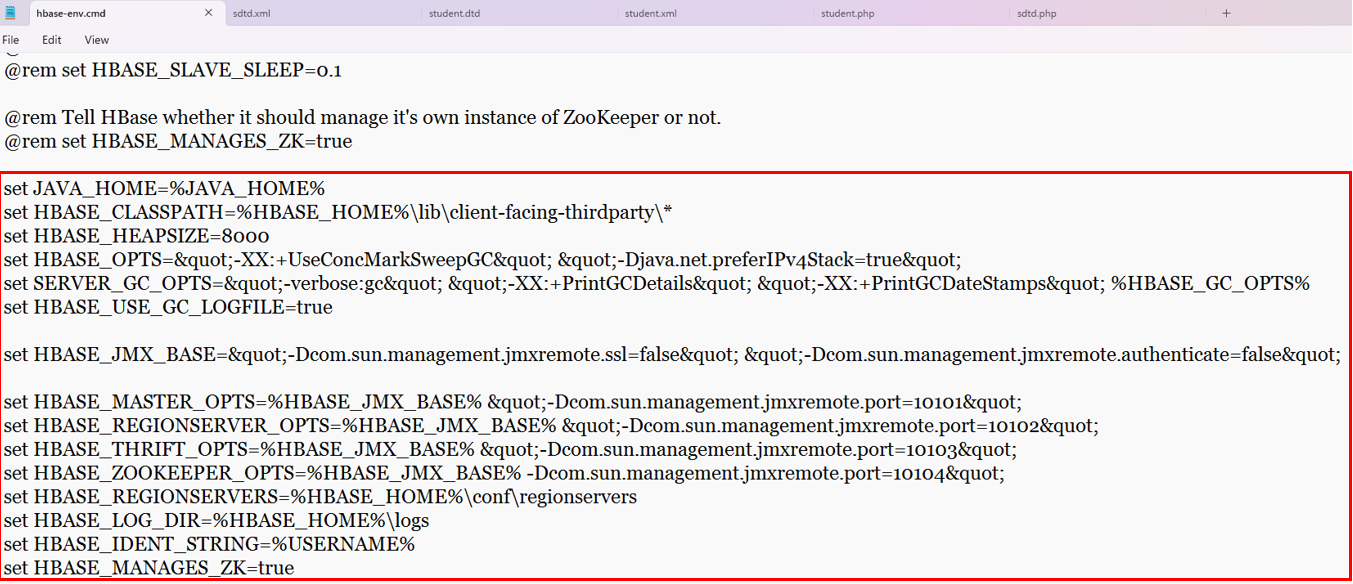
**b) Install hive from the link given below and extract it in C drive.**

**<https://archive.apache.org/dist/hbase/2.2.5/>**

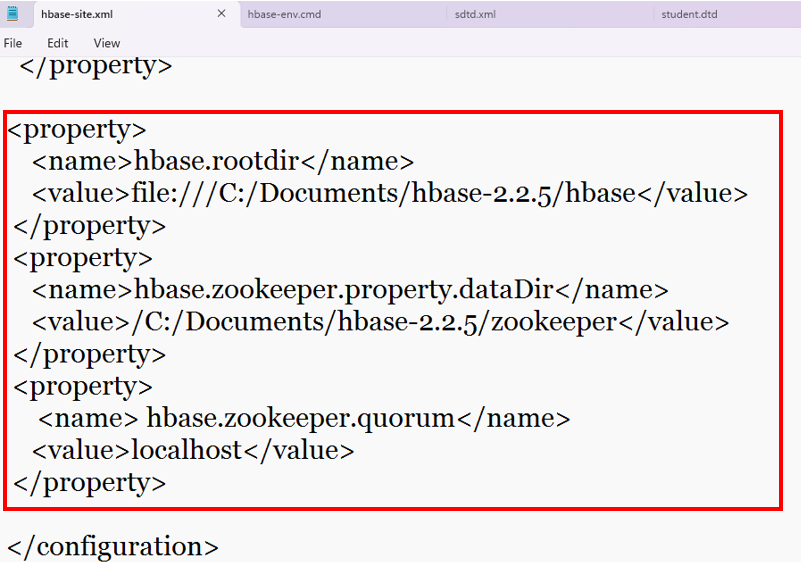
**STEP II: *Navigate to “C:\hbase-2.2.5\bin\hbase.cmd” in any text editor these lines should exactly look like this.***

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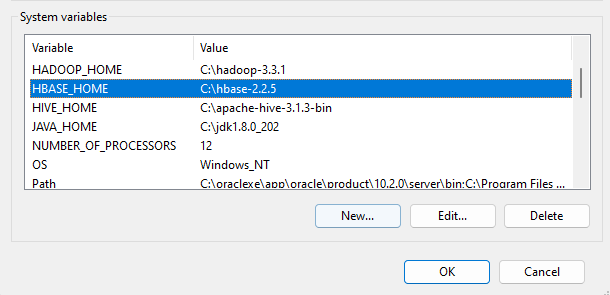
**STEP III: *Navigate to “C:\hbase-2.2.5\conf\hbase-env.cmd” and add the highlighted part below the comments.***

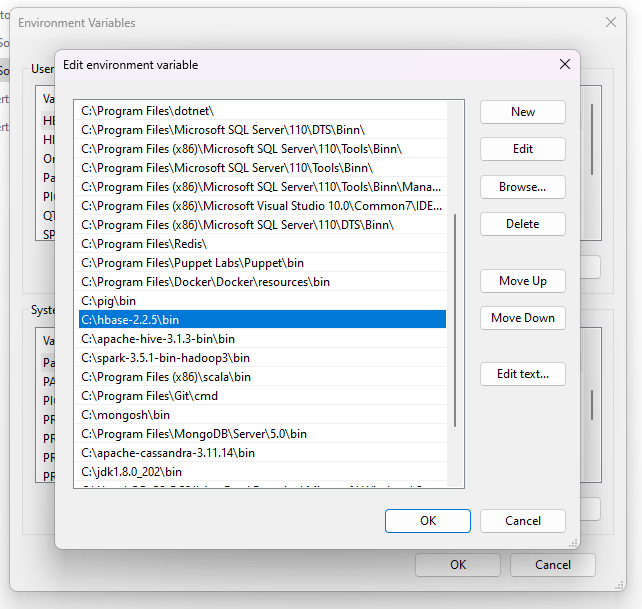
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**STEP IV: *Navigate to “C:\hbase-2.2.5\conf\hbase-site.xml” and add the highlighted part below.***

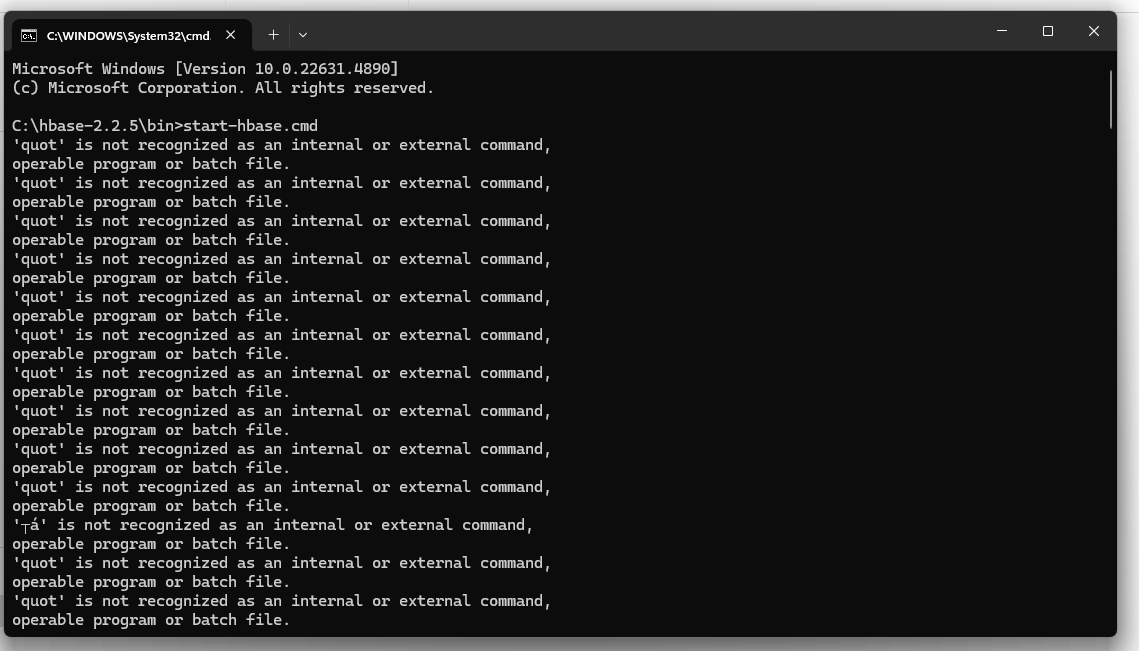
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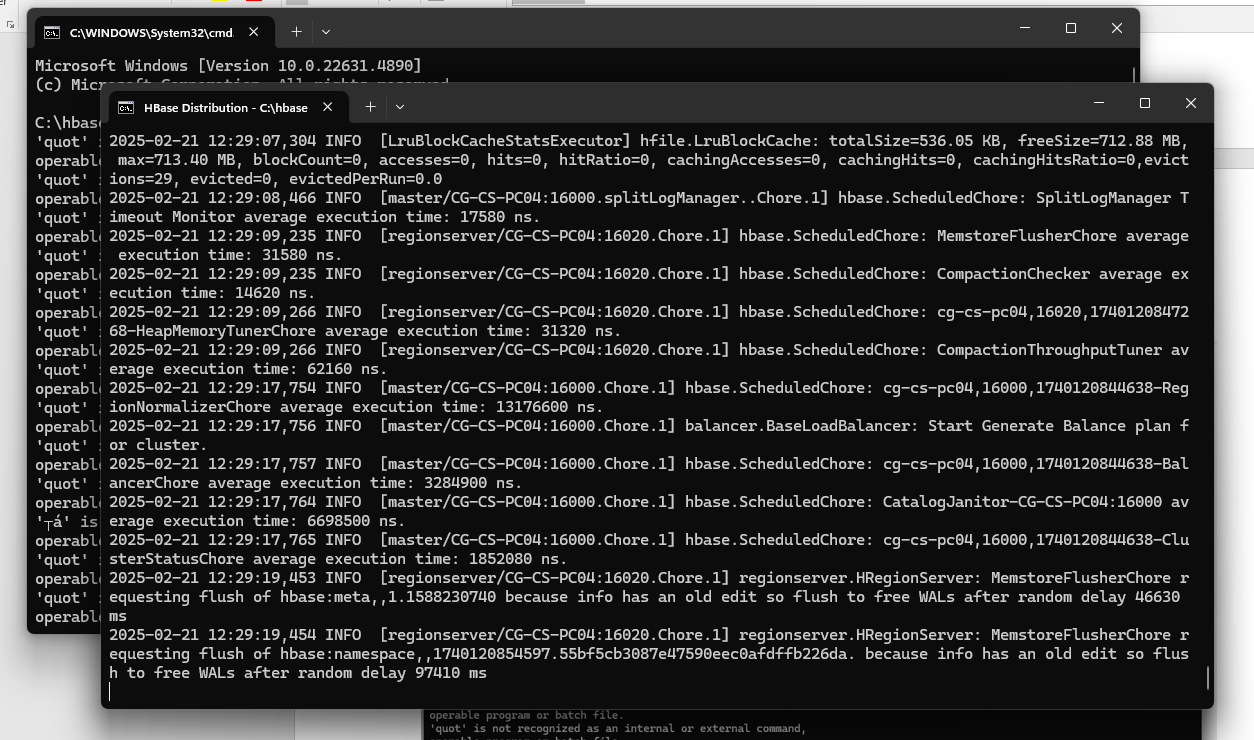
**STEP V: *Now set HBASE\_HOME Path in System Variables and in its path.***

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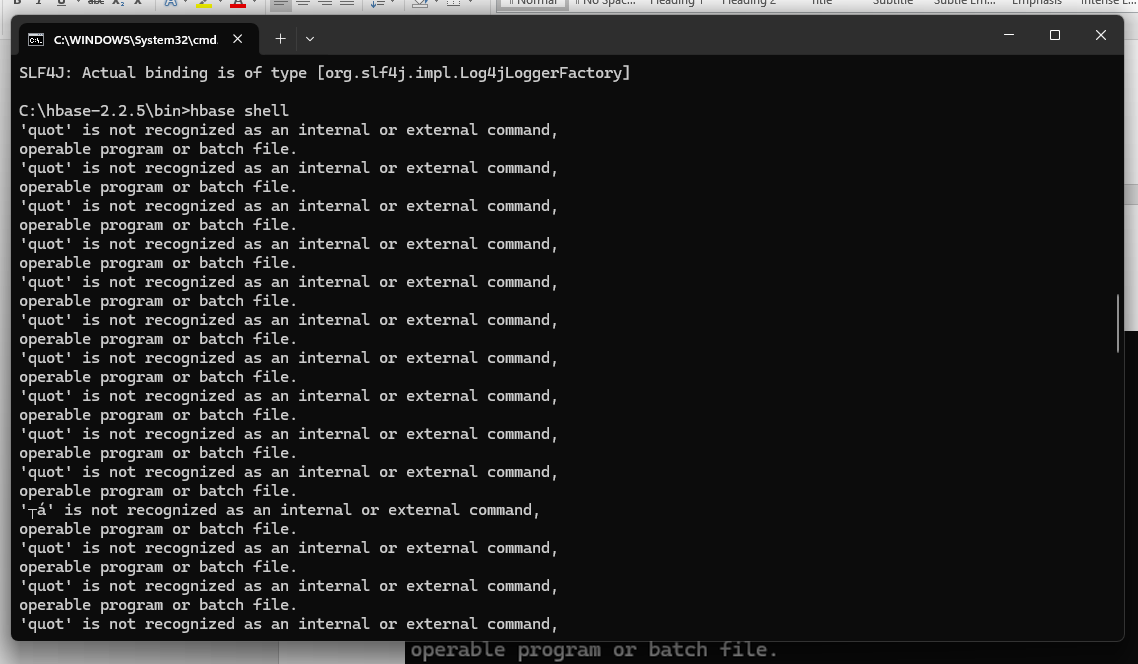
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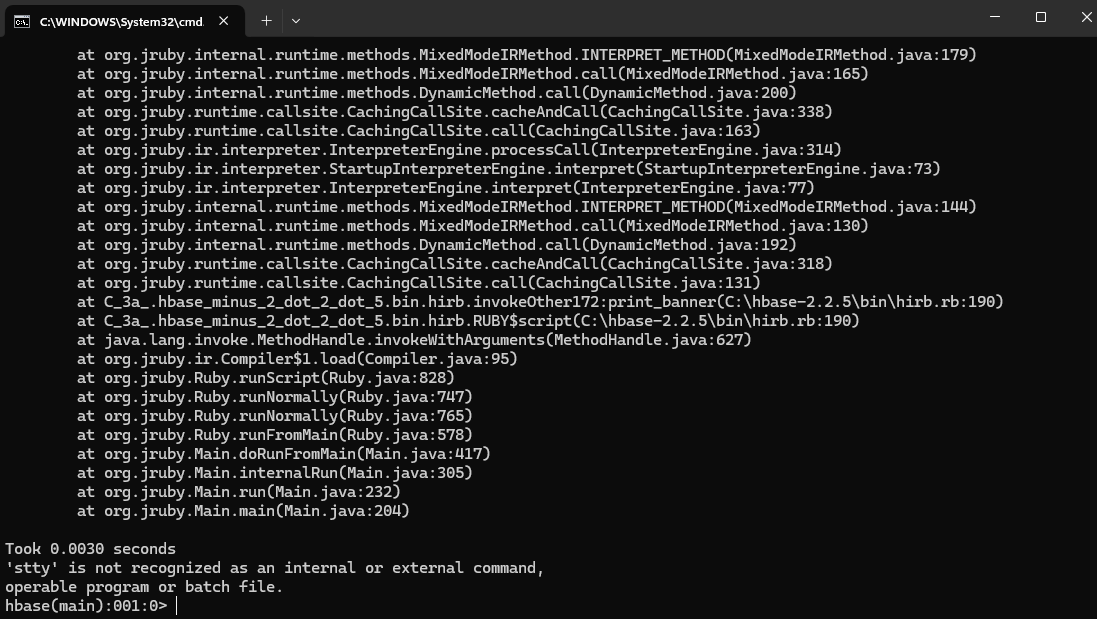
**STEP VI: *Navigate to ‘bin’ folder of hbase start the command prompt there and type the command: start-hbase.cmd***

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**STEP VII: *Again navigate to ‘bin’ folder of hbase start the command prompt there and type the command: hbase shell***

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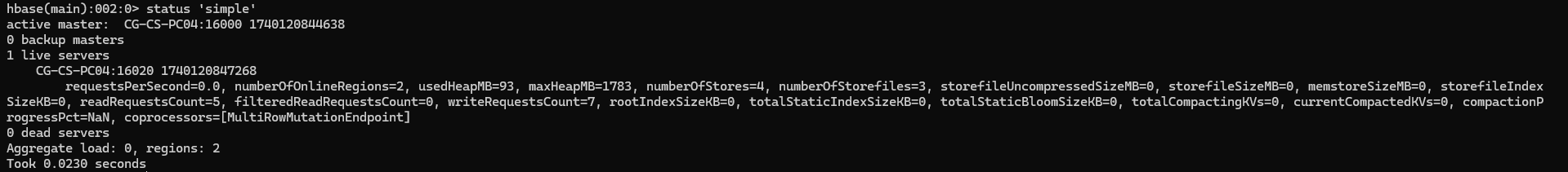
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**OPERATIONS**

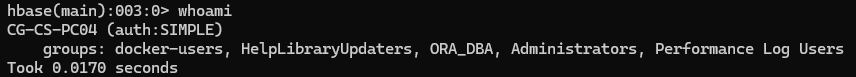
**1] Status**

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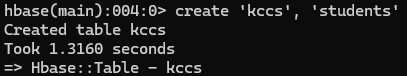
**2] Status simple**

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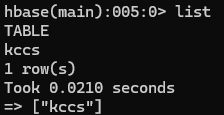
**3] Whoami**

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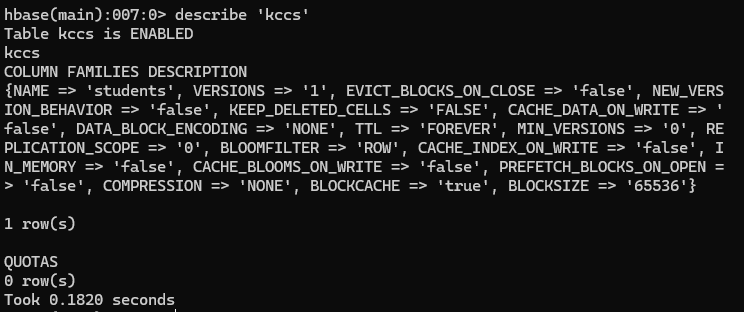
**4] Create table ‘kccs’.**

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**5] List tables**

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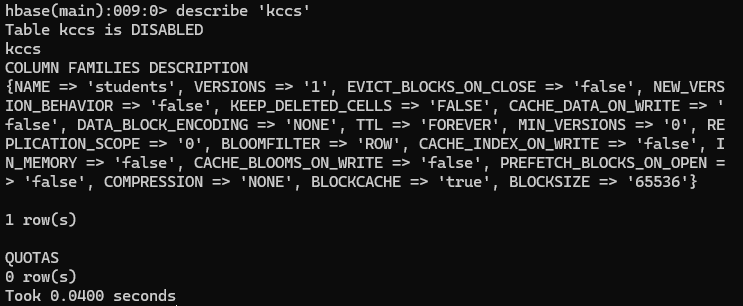
**6] Describe table ‘kccs’.**

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**7] Disable table ‘kccs’**

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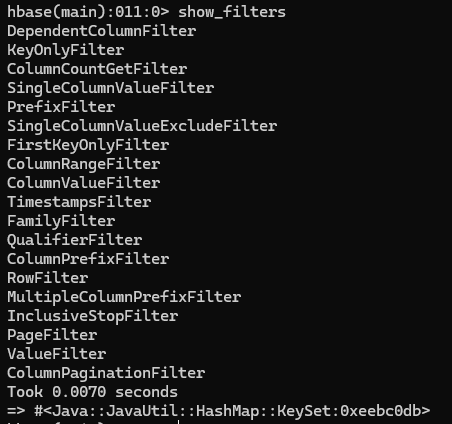
**8] Describe table ‘kccs’ again to see disabled status.**

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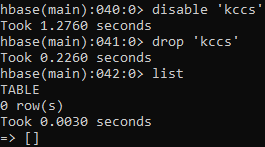
**9] Enable table ‘kccs’.**

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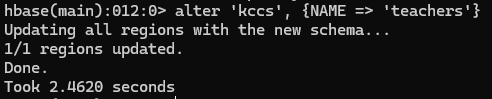
**10] Show\_filters**

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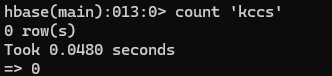
**11] Drop table.**

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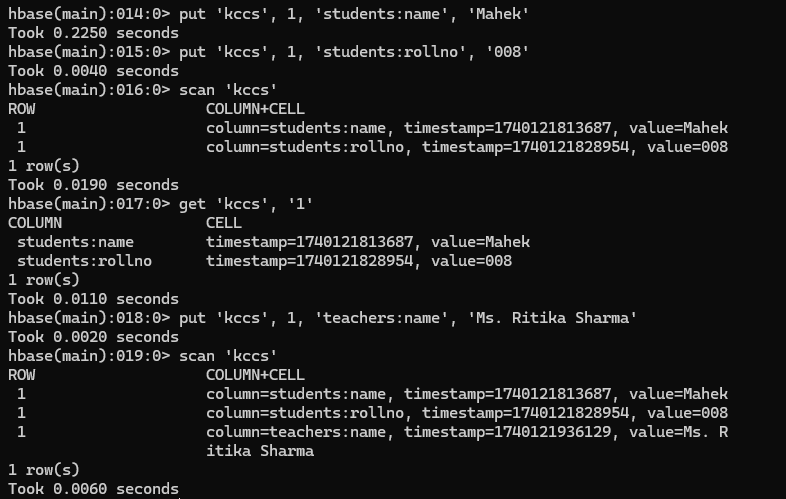
**12] Alter table ‘kccs’ adding name of the teachers.**

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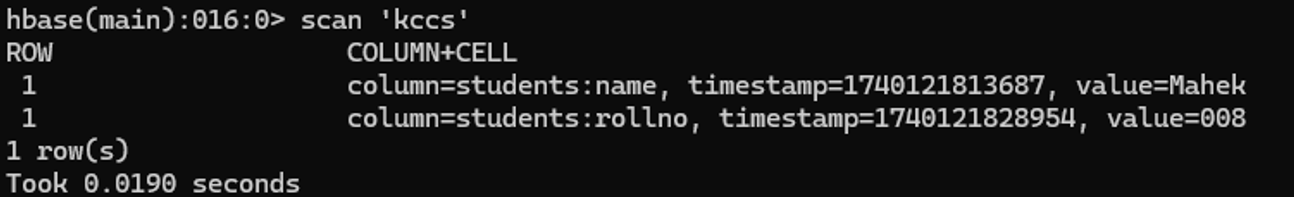
**13] Count rows ‘kccs’.**

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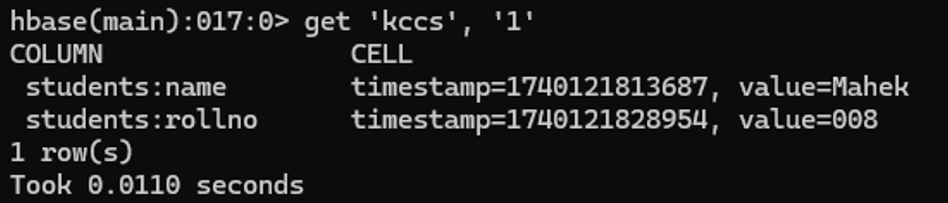
**14] Put values in table ‘kccs’.**

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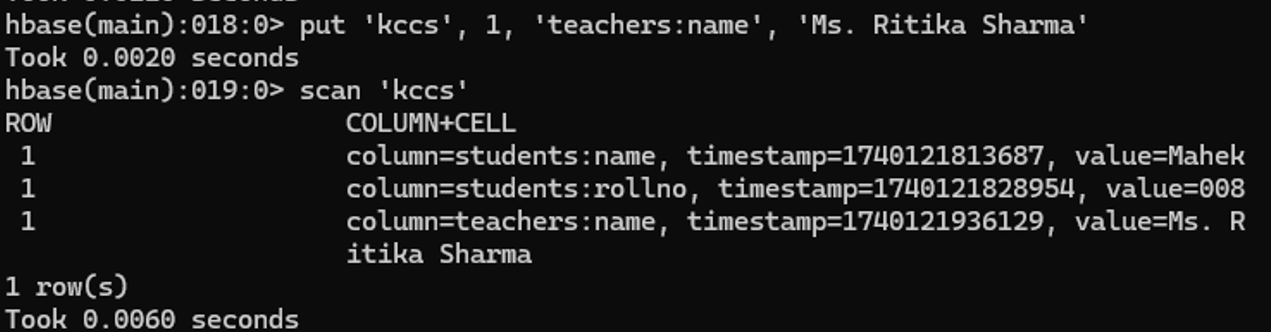
**15] Scan values in table ‘kccs’**

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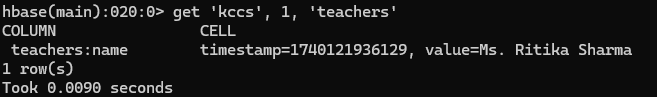
**16] Get specific value in table ‘kccs’**

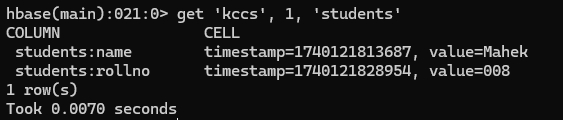
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**17] Put and scan teachers name in table ‘kccs’.**

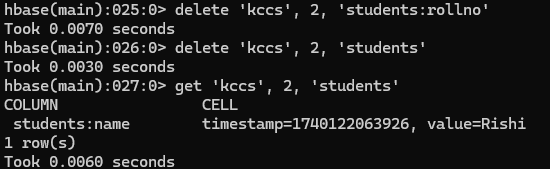
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**18] Get values of table ‘kccs’.**

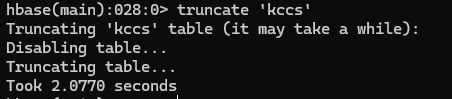
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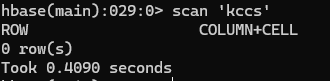
**19] Delete values in table ‘kccs’.**

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**20] Truncate table ‘kccs’.**

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**21] Scan table ‘kccs’.**

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