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COURSE CODE : CSA0520

COURSE NAME : DATABASE MANAGEMENT FOR DATA ANALYTICS

**Problem 1:**

Rollback to that state using the ROLLBACK command whenever required.

Create a following table Class and insert values into it in the order and create savepoints in between them. Try to rollback t the save point and check your output by giving select commands.

Let us use some SQL queries on the above table and see the results.

|  |
| --- |
| INSERTINTO class VALUES(5,'Rahul'); |
| COMMIT; |
| UPDATE class SET name ='Abhijit' WHERE id ='5'; |
| SAVEPOINT A; |
| INSERTINTO class VALUES(6,'Chris'); |
| SAVEPOINT B; |
| INSERTINTO class VALUES(7,'Bravo'); |
| SAVEPOINT C; |
|  |

The resultant table will look like,

Now let's use the ROLLBACK command to roll back the state of data to the savepoint B.

|  |  |  |  |
| --- | --- | --- | --- |
|  | ROLLBACKTO B; | | |
|  |  | |  |
|  |  | |  |
|  | SELECT\*FROM class; | |  |
|  | Now our class table will look like, | | |
|  | Now let's again use the ROLLBACK command to roll back the state of data to the savepoint A | | |
|  |  |  | |
|  | ROLLBACKTO A; |  | |
|  | SELECT\*FROM class; |  | |

Now the table will look like,

