

1. Create a table named 'IES College' along with some columns.
2. Add one column name with student address.
3. Rename the column named 'Student Name' to 'SName'.
4. Change the range of 'SName' from varchar2(10) to varchar2(15).
5. Add the PRIMARY KEY constraint to 'SName'.
5. Rename the table 'IES College' to 'IES Student'.
7. Insert the first two records:
 - a. All columns simultaneously
 - b. Only 3 columns
 - c. With user-defined data
3. Create a dummy table of 'IES Student'.
9. Delete the second record of the table.
10. Write a command for DROP,DELETE,PURGE,TRUNCATE,ROLLBACK and COMMIT the table.
11. Write a process to connect Oracle with Java or Frontend with Backend. |

```
1 CREATE TABLE IES_College
2 (
3   s_roll VARCHAR2(12),
4   stud_name VARCHAR2(10),
5   s_branch VARCHAR2(10)
6 );
7
```

Table created.


```
1 ALTER TABLE IES_College  
2 ADD s_add VARCHAR2(50);  
3 |
```

Table altered.

1 DESC IES_College;

2

3

Column	Null?	Type
S_ROLL	-	VARCHAR2(12)
STUD_NAME	-	VARCHAR2(10)
S_BRANCH	-	VARCHAR2(10)
S_ADD	-	VARCHAR2(50)


```
1 ALTER TABLE IES_College  
2 RENAME COLUMN stud_name TO s_name;  
3  
4
```

Table altered.

```
1 DESC IES_College;
```

```
2
```

Column	Null?	Type
S_ROLL	-	VARCHAR2(12)
S_NAME	-	VARCHAR2(10)
S_BRANCH	-	VARCHAR2(10)
S_ADD	-	VARCHAR2(50)

SQL Worksheet

```
1 ALTER TABLE IES_College  
2 MODIFY s_name VARCHAR2(15);  
3 |
```

Table altered.

1 DESC IES College;

2

Column	Null?	Type
S_ROLL	-	VARCHAR2(12)
S_NAME	-	VARCHAR2(15)
S_BRANCH	-	VARCHAR2(10)
S_ADD	-	VARCHAR2(50)

SQL Worksheet

```
1 ALTER TABLE IES_College  
2 ADD CONSTRAINT CON1 PRIMARY KEY(s_roll);
```

Table altered.

1 DESC IES_College;
2

Column	Null?	Type
S_ROLL	NOT NULL	VARCHAR2(12)
S_NAME	-	VARCHAR2(15)
S_BRANCH	-	VARCHAR2(10)
S_ADD	-	VARCHAR2(50)

SQL Worksheet

```
1 ALTER TABLE IES_College  
2 RENAME TO IES_Student;  
3 |
```

```
1 INSERT INTO IES_Student VALUES('0526CS191039','Kahkasha','CSE','Jhansi');  
2 |
```

1 row(s) inserted.

SQL Worksheet

```
1 SELECT * FROM IES_Student;
```

```
2 |
```

S_ROLL

S_NAME

S_BRANCH

S_ADD

0526CS191039

Kahkasha

CSE

Jhansi

```
1 INSERT INTO IES_Student(s_roll,s_name,s_branch)
2 VALUES('0526CS191040','Kajal','CSE');
3
```

1 row(s) inserted.

SQL Worksheet

```
1 SELECT *  
2 FROM IES_Student;  
3
```

S_ROLL	S_NAME	S_BRANCH	S_ADD
0526CS191039	Kahkasha	CSE	Jhansi
0526CS191040	Kajal	CSE	-

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2 rows selected.

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```
1 INSERT INTO IES_Student  
2 VALUES('&s_roll', '&s-name', '&s_branch', '&s_add');  
3 |
```

1 row(s) inserted.

SQL Worksheet

```
1 CREATE TABLE DUMMY AS SELECT * FROM IES_Student;
```

```
2
```

Table created.

SQL Worksheet

1 SELECT * FROM DUMMY;

2

S_ROLL

S_NAME

S_BRANCH

S_ADD

0526CS191039

Kahkasha

CSE

Jhansi

SQL Worksheet

```
1 DELETE FROM IES_Student  
2 WHERE s_name='Kajal';  
3
```

1 row(s) deleted.

SQL Worksheet

```
1 SELECT *  
2 FROM IES_Student;  
3
```

S_ROLL	S_NAME	S_BRANCH	S_ADD
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0526C5191039	Kahkasha	CSE	Jhansi
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SQL Worksheet

```
1 DELETE FROM IES_Student  
2 WHERE s_name='Kajal';  
3
```


SQL Worksheet

```
1 TRUNCATE TABLE IES_Student;
```

```
2
```

```
3
```

```
4
```

Table truncated.


```
1 DROP TABLE IES_Student;
```

```
2
```

Table dropped.