

MySQL 8.0 Command Line Cli

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```
mysql> create table students
-> (sid int, name varchar(10), email varchar(30), collegename varchar(30));
Query OK, 0 rows affected (0.04 sec)
```

```
mysql> desc students;
```

Field	Type	Null	Key	Default	Extra
sid	int	YES		NULL	
name	varchar(10)	YES		NULL	
email	varchar(30)	YES		NULL	
collegename	varchar(30)	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql> alter table students add column age int;
```

```
Query OK, 0 rows affected (0.06 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

```
mysql> desc students;
```

Field	Type	Null	Key	Default	Extra
sid	int	YES		NULL	
name	varchar(10)	YES		NULL	
email	varchar(30)	YES		NULL	
collegename	varchar(30)	YES		NULL	
age	int	YES		NULL	

```
5 rows in set (0.00 sec)
```

```
mysql> insert into students values
-> (01,"jyothi","jyothi@123","mriet",21),
-> (02,"neha","neha@123","mlrit",22),
-> (03,"janu","janu@123","mrcet",21),
-> (04,"moosa","moosa@123","mlrt",21),
-> (05,"nandu","nandu@123","mrcet",22);
```

```
Query OK, 5 rows affected (0.01 sec)
```

```
Records: 5  Duplicates: 0  Warnings: 0
```

```
mysql> select * from students;
```

sid	name	email	collegename	age
1	jyothi	jyothi@123	mriet	21
2	neha	neha@123	mlrit	22
3	janu	janu@123	mrcet	21
4	moosa	moosa@123	mlrt	21
5	nandu	nandu@123	mrcet	22

```
5 rows in set (0.00 sec)
```

```
mysql> update students set collegename=mlrit where sid=03;
```

```
ERROR 1054 (42S22): Unknown column 'mlrit' in 'field list'
```

```
mysql> update students set collegename="mlrit" where sid=03;
```

```
Query OK, 1 row affected (0.01 sec)
```

```
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> select * from students;
```

sid	name	email	collegename	age
1	jyothi	jyothi@123	mriet	21
2	neha	neha@123	mlrit	22
3	janu	janu@123	mlrit	21
4	moosa	moosa@123	mlrt	21

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sid	name	email	collegename	age
1	jyothi	jyothi@123	mriet	21
2	neha	neha@123	mlrit	22
3	janu	janu@123	mlrit	21
4	moosa	moosa@123	mlrt	21
5	nandu	nandu@123	mrcet	22

5 rows in set (0.00 sec)

```
mysql> delete from students where sid=05;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from students;
```

sid	name	email	collegename	age
1	jyothi	jyothi@123	mriet	21
2	neha	neha@123	mlrit	22
3	janu	janu@123	mlrit	21
4	moosa	moosa@123	mlrt	21

4 rows in set (0.00 sec)

```
mysql> select name,email from students;
```

name	email
jyothi	jyothi@123
neha	neha@123
janu	janu@123
moosa	moosa@123

4 rows in set (0.00 sec)

```
mysql> alter table students modify column email varchar(100);
```

Query OK, 4 rows affected (0.09 sec)

Records: 4 Duplicates: 0 Warnings: 0

```
mysql> desc students;
```

Field	Type	Null	Key	Default	Extra
sid	int	YES		NULL	
name	varchar(10)	YES		NULL	
email	varchar(100)	YES		NULL	
collegename	varchar(30)	YES		NULL	
age	int	YES		NULL	

5 rows in set (0.00 sec)

```
mysql> alter table students rename column collegename to college_name;
```

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
mysql> desc students;
```

Field	Type	Null	Key	Default	Extra
sid	int	YES		NULL	
name	varchar(10)	YES		NULL	
email	varchar(100)	YES		NULL	
college_name	varchar(30)	YES		NULL	
age	int	YES		NULL	