

```
mysql> create database ONE;
```

```
mysql> use ONE;
```

Database changed

```
mysql> CREATE TABLE STUDENT (  
->  student_id INT PRIMARY KEY,  
->  first_name VARCHAR(50),  
->  last_name VARCHAR(50),  
->  date_of_birth DATE  
-> );
```

```
mysql> INSERT INTO STUDENT (student_id, first_name, last_name, date_of_birth) VALUES  
-> (1, 'John', 'Doe', '2000-05-15'),  
-> (2, 'Jane', 'Smith', '1999-10-20'),  
-> (3, 'Alice', 'Johnson', '2001-03-08'),  
-> (4, 'Bob', 'Williams', '2002-07-25');
```

```
mysql> ALTER TABLE STUDENT  
-> ADD COLUMN email VARCHAR(100);
```

```
mysql> UPDATE STUDENT  
-> SET email = CASE  
->  WHEN student_id = 1 THEN 'john.doe@example.com'  
->  WHEN student_id = 2 THEN 'jane.smith@example.com'  
->  WHEN student_id = 3 THEN 'alice.johnson@example.com'  
->  WHEN student_id = 4 THEN 'bob.williams@example.com'  
->  ELSE NULL  
-> END;
```

```
mysql> select * from STUDENT;
```

```
+-----+-----+-----+-----+-----+  
| student_id | first_name | last_name | date_of_birth | email |  
+-----+-----+-----+-----+-----+  
| 1 | John | Doe | 2000-05-15 | john.doe@example.com |  
| 2 | Jane | Smith | 1999-10-20 | jane.smith@example.com |  
| 3 | Alice | Johnson | 2001-03-08 | alice.johnson@example.com |  
| 4 | Bob | Williams | 2002-07-25 | bob.williams@example.com |  
+-----+-----+-----+-----+-----+
```

