



IE220

Introduction to Database Systems

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Record Process

Adding, Deleting & Updating

Inserting a Record

- To insert a record in a table;

```
INSERT INTO <Table Name> <(Field1, Field2,...)>  
VALUES <('Value1', 'Value2',...)>
```

For example;

```
INSERT INTO Customers (CustomerID, Name, Surname, Age)  
VALUES ('112', 'Metin', 'Kaya', 23);
```

Deleting a Record

- To delete a record in a table;

```
DELETE FROM <Table Name>  
WHERE <Conditions>;
```

For example;

```
DELETE FROM Customers  
WHERE Name = 'Metin' AND Surname = 'Kaya';
```

Updating a Record

- To update a record in a table;

```
UPDATE <Table Name>  
SET < Updated Field = 'New Value',...>  
WHERE <Conductions>;
```

For example;

```
UPDATE Customers  
SET Name = 'Metem', Surname = 'Kayacan'  
WHERE CustomerID = '112';
```

References

- Fundamentals of database systems / Ramez Elmasri, Shamkant B. Navathe.—6th ed., 2010.