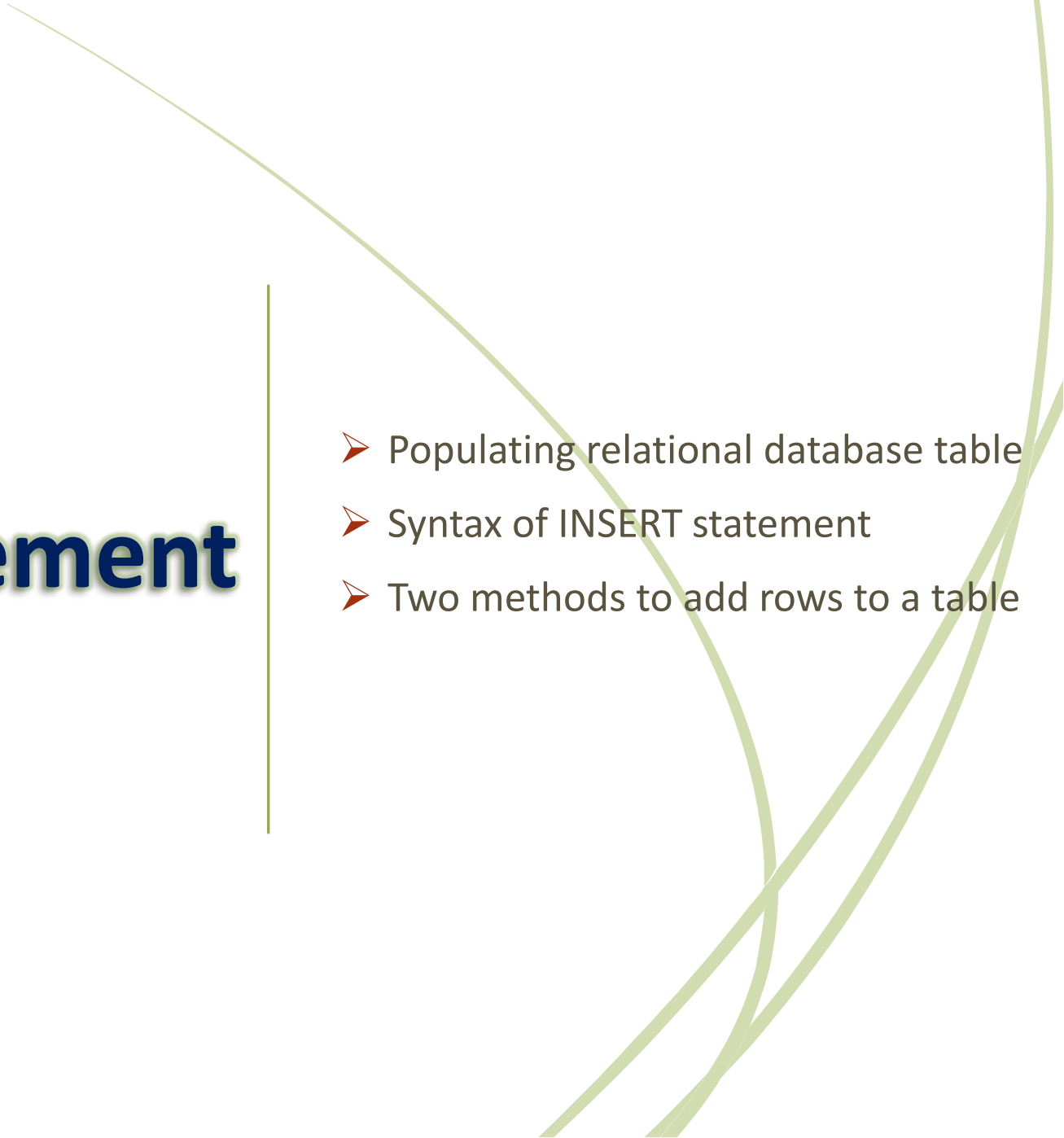# INSERT statement

- ➢ Populating relational database table
- ➢ Syntax of INSERT statement
- ➢ Two methods to add rows to a table

Adding rows to a table

- Create a table

- Populate table with rows of data

- INSERT statement – DML statement read & modify data

AUTHOR_ID (PK)	Last_name	First_name	Email	City	Country
A1	Ajay	Sharma	as@gmal.com	Pune	India
A2	Karan	Pal	kp@yahoo.com	Mumbai	India
A3	Vinay	Shah	vsh@gmail.com	Kolkata	India
A4	Ram	Kale	ramk@hotmail.com	Delhi	India

INSERT statement

- Syntax

INSERT INTO *table_name (<columnName1>, <columnName2>………..)*
Values
(<value>, <value>,…………)

INSERT statement Example

AUTHOR_ID (PK)	Last_name	First_name	Email	City	Country
A1	Ajay	Sharma	as@gmali.com	Pune	India
A2	Karan	Pal	kp@yahoo.com	Mumbai	India
A3	Vinay	Shah	vsh@gmail.com	Kolkata	India
A4	Ram	Kale	ramk@hotmail.com	Delhi	India

INSERT INTO *author (author_id,last_name,first_name,email,city,country)*
 Values
('A1','Ajay','Sharma','as@gmail.com','Pune','India')

Inserting Multiple rows

AUTHOR_ID (PK)	Last_name	First_name	Email	City	Country
A1	Ajay	Sharma	as@gmail.com	Pune	India
A2	Karan	Pal	kp@yahoo.com	Mumbai	India
A3	Vinay	Shah	vsh@gmail.com	Kolkata	India
A4	Ram	Kale	ramk@hotmail.com	Delhi	India

```sql
INSERT INTO  AUTHOR (AUTHOR_ID,LAST_NAME,FIRST_NAME,EMAIL,CITY,COUNTRY)
VALUES
('A1','Sharma','Ajay' ,'as@gmail.com','Pune','India'),
('A2','Pal', 'Karan','kp@yahoo.com','Mumbai','India'),
('A3','Shah','Vinay','vsh@gmail.com','Kolkata','India'),
('A4','Kale','Ram','ramk@hotmail.com','Delhi','India'),
('A5','Wright','John','jw@hotmail.com','Houston','USA'),
('A6','Wood','Bob','BobW@hotmail.com','Toronto','Canada')
```

00 %

Messages

(6 rows affected)