

Basic Databases – Report02

Wroclaw University of Science and Technology, Date: March 8th, 2021

Exercise

1. Review the Employee.sql script

2. Answer the questions

- a) No
- b) Coma ‘,’
- c) Semicolon “;”
- d) That column value cannot contain NULL and will be initialized by default value

3. Review the PK and FK definitions

4. Answer the questions

- b) Deletes the referencing rows in the child table when the referenced row is deleted in the parent table.

5. Create Address table

a)

```
CREATE TABLE address (  
  address_id int NOT NULL AUTO_INCREMENT,  
  country nvarchar(255) NOT NULL,  
  city nvarchar(255) NOT NULL,  
  street nvarchar(255) NOT NULL,
```

```
  PRIMARY KEY (address_id)  
);
```

b and c).

```
CREATE table addr_emp(  
  address_id int,  
  emp_no int,  
  addr_type nvarchar(255),  
  CONSTRAINT addr_emp_id PRIMARY KEY(address_id,emp_no),  
  CONSTRAINT FK_addr  
    FOREIGN KEY (address_id) REFERENCES address (address_id),  
  CONSTRAINT FK_employee  
    FOREIGN KEY (emp_no) references employees (emp_no)  
);
```

Remarks:

1. **The rule of naming a student's file report is defined below**

Name of the file: Rep01-StudId-Last name.pdf	Example: Rep01-1951355-Turan.pdf
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