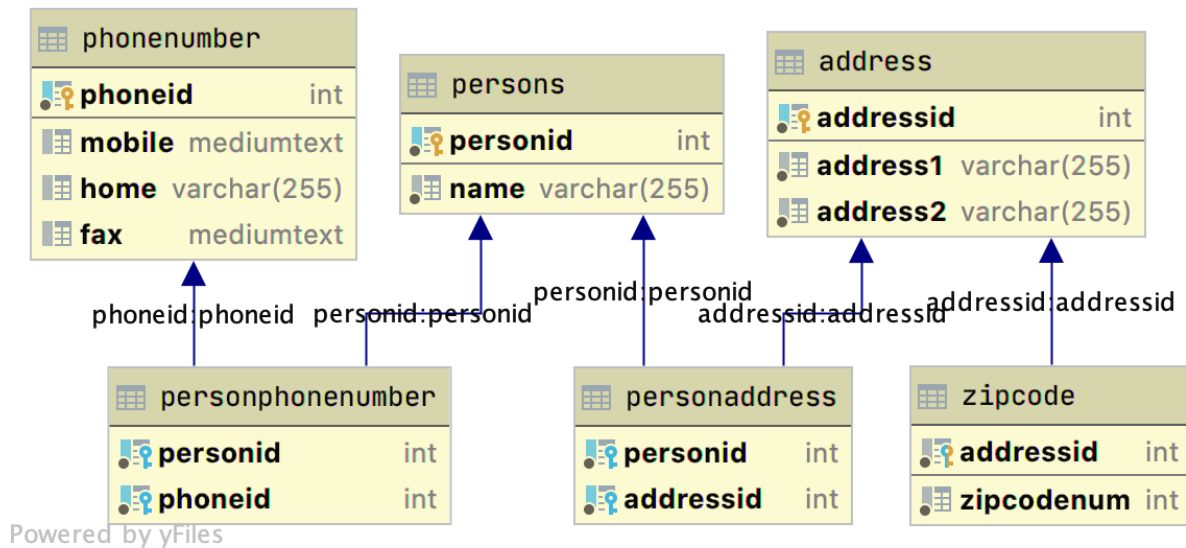


# SQL Statements

Assignment Oct 14, 2020

CyberxNuke



**Q1. GET ALL THE DATA RELATED TO EMPLOYEE BASED ON**

**A. ID**

**B. NAME**

**Sol.**

```
SELECT p4.personid, name, address1, address2, zipcodenum
FROM persons p4
```

```
JOIN personphonenumber p ON p4.personid = p.personid
```

```
JOIN phonenumber p2 ON p.phoneid = p2.phoneid
```

```
JOIN personaddress p3 ON p4.personid = p3.personid
```

```
JOIN address a ON p3.addressid = a.addressid
```

```
JOIN zipcode z ON a.addressid = z.addressid;
```

## Q2. GET THE EMPLOYEE ADDRESS BASED ON I'D MAPPING EMPLOYEES TABLE AND ADDRESS TABLE.

**Sol.**

```
SELECT p4.personid, name, address1, address2, zipcodenum
FROM persons p4
      JOIN personaddress p3 on p4.personid = p3.personid
      JOIN address a on p3.addressid = a.addressid
      JOIN zipcode z on a.addressid = z.addressid;
```

## Q3. GET EMPLOYEE ID ,NAME AND ADDRESS USING PHONE NUMBER.

**Sol.**

```
SELECT p2.personid, name, address1, address2, zipcodenum,
mobile FROM phonenumber p
      JOIN personphonenumber p1 on p1.phoneid = p.phoneid
      JOIN persons p2 on p2.personid = p1.personid
      JOIN personaddress p3 on p2.personid = p3.personid
      JOIN address a on p3.addressid = a.addressid
      JOIN zipcode z on a.addressid = z.addressid;
# WHERE p.mobile=5732021901;
```

## Q4. GET LIST OF EMPLOYEES IN A PINCODE.

**Sol.**

```
SELECT p.personid, zipcodenum, name FROM zipcode as zip
      JOIN address a1 on zip.addressid = a1.addressid
      JOIN personaddress a2 on a1.addressid = a2.addressid
      JOIN persons p on a2.personid = p.personid;
```