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Sec:3

Answer to the question no.1

```
CREATE TABLE teacher(  
    T_id INT,  
    name VARCHAR(20),  
    dob DATE,  
    street VARCHAR(20),  
    city VARCHAR(20),  
    total_salary DOUBLE(10,2),  
    designation VARCHAR(20)  
);
```

```
CREATE TABLE courses(  
    Course_id INT,  
    title VARCHAR(20),  
    credit_hour DOUBLE(3,2)  
);
```

```
CREATE TABLE teach(  
    T_id INT,  
    Course_id INT,  
    semester VARCHAR(20),
```

```

YEAR INT,

remuneration DOUBLE,

num_of_stdnt INT,

course_fee_per_stdnt DOUBLE,

PRIMARY KEY(

    T_id,

    Course_id,

    semester,

    YEAR,

    remuneration,

    num_of_stdnt,

    course_fee_per_stdnt

),

FOREIGN KEY(T_id) REFERENCES teacher(T_id),

FOREIGN KEY(Course_id) REFERENCES courses(Course_id)

);

```

Answer to the question no.2

```

CREATE TABLE mother(

    M_BRN INT PRIMARY KEY,

    NAME VARCHAR(20),

    num_of_sons INT,

    num_of_daughters INT,

    total_child INT,

    dob DATE,

    profession INT,

    income DOUBLE

```

```
);  
  
CREATE TABLE child(  
    C_BRN INT PRIMARY KEY,  
    NAME VARCHAR(20),  
    dob DATE,  
    birth_time_height DOUBLE,  
    birth_time_weight DOUBLE,  
    gender VARCHAR(10),  
    M_BRN INT,  
    FOREIGN KEY(M_BRN) REFERENCES mother(M_BRN)  
);
```

Answer to the question no.3

```
CREATE TABLE apartment(  
    app_id INT PRIMARY KEY,  
    size DOUBLE,  
    building_name VARCHAR(10),  
    total_num_of_floors INT,  
    location VARCHAR(20),  
    price INT  
);
```

```
CREATE TABLE person(  
    NID INT PRIMARY KEY,  
    NAME VARCHAR(20),  
    gender VARCHAR(10),  
    profession VARCHAR(20),  
    BRN INT,
```

```
dob DATE,  
street VARCHAR(20),  
city VARCHAR(20),  
income DOUBLE,  
app_id INT,  
FOREIGN KEY(app_id) REFERENCES apartment (app_id)  
);
```