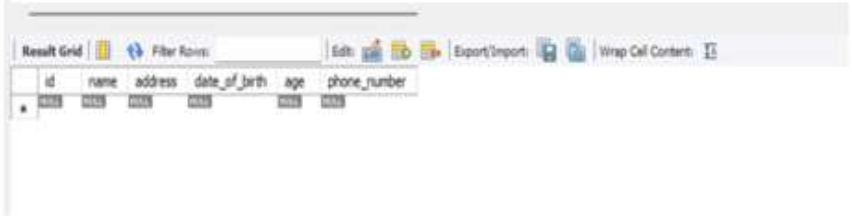
CONVERTING NORMALIZED TABLE INTO SQL.

```sql
CREATE TABLE students (
    id INT PRIMARY KEY,
    name VARCHAR(100) NOT NULL,
    address VARCHAR(255),
    date_of_birth DATE,
    age INT,
    phone_number VARCHAR(15),
    class_id INT,  -- Foreign key column
    FOREIGN KEY (class_id) REFERENCES class(class_id)
);
```




```sql
CREATE TABLE faculty (
    faculty_id INT PRIMARY KEY,    -- Primary Key
    faculty_name VARCHAR(100) NOT NULL,
    salary DECIMAL(10, 2) NOT NULL,
    phone_number VARCHAR(15),
    department_id INT,             -- Foreign Key to department table
    FOREIGN KEY (department_id) REFERENCES department(department_id)
);
```

```sql
CREATE TABLE subjects (
    subject_no INT PRIMARY KEY,   -- Primary Key
    subject_name VARCHAR(100) NOT NULL,
    department_id INT,            -- Foreign Key to department table
    FOREIGN KEY (department_id) REFERENCES department(department_id)
);
```

```sql
CREATE TABLE exams (
    exam_code INT PRIMARY KEY,
    room_no INT NOT NULL,
    exam_date DATE NOT NULL,
    course_id INT,
    CONSTRAINT fk_course FOREIGN KEY (course_id) REFERENCES courses(course_id)
);
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

subject_no	subject_name
NULL	NULL

```sql
CREATE TABLE DEPARTMENT (
    DEPT_ID INT PRIMARY KEY,
    DEPT_NAME VARCHAR(100) NOT NULL,
    manager_id INT,
    CONSTRAINT fk_manager FOREIGN KEY (manager_id) REFERENCES EMPLOYEES(emp_id)
);
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

dept_id	dept_name
NULL	NULL

231410_ex_4 | exp5* | experiment no 5 | SQL File 5* | SQL File 6* | SQL File 7* | SQL File 8*

Limit to 1000 rows

```sql
CREATE TABLE COURSE (
    COURSE_ID INT PRIMARY KEY,
    COURSE_NAME VARCHAR(100) NOT NULL,
    COURSE_DURATION INT NOT NULL,
    dept_id INT,
    CONSTRAINT fk_department FOREIGN KEY (dept_id) REFERENCES DEPARTMENT(DEPT_ID)
);
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

course_id	course_name	duration
NULL	NULL	NULL

Limit to 1000 rows

```sql
CREATE TABLE HOSTEL (
    HOSTEL_ID INT PRIMARY KEY,
    HOSTEL_NAME VARCHAR(100) NOT NULL,
    NO_OF_SEATS INT NOT NULL,
    dept_id INT,
    CONSTRAINT fk_department FOREIGN KEY (dept_id) REFERENCES DEPARTMENT(DEPT_ID)
);
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

hostel_id	hostel_name	no_of_seats
NULL	NULL	NULL