

-- Answer to the Question No. 1 & 2:

```
CREATE DATABASE Student;
```

```
USE Student;
```

```
CREATE TABLE Students(
```

```
    Name VARCHAR(50) NOT NULL,
```

```
    Roll INT PRIMARY KEY UNIQUE NOT NULL,
```

```
    Class VARCHAR(10) NOT NULL,
```

```
    Age INT NOT NULL
```

```
);
```

```
CREATE TABLE Library(
```

```
    BookName VARCHAR(50) NOT NULL,
```

```
    Roll INT NOT NULL,
```

```
    FOREIGN KEY (Roll) REFERENCES Students(Roll)
```

```
);
```

```
CREATE TABLE Fees(
```

```
    Name VARCHAR(50),
```

```
    Roll INT NOT NULL,
```

```
    FOREIGN KEY (Roll) REFERENCES Students (Roll)
```

```
);
```

-- Answer to the Question No. 3:

-- > Main difference between data & information that is data is often unsorted while information is typically sorted.

-- Answer to the Question No. 4:

```
SET sql_safe_updates = 0;
```

-- Answer to the Question No. 5:

```
SELECT DISTINCT Department
```

```
FROM Employee;
```

-- Answer to the Question No. 6:

```
SELECT LastName
```

```
FROM employee
```

```
ORDER BY Age DESC;
```

-- Answer to the Question No. 7:

```
SELECT LastName
```

```
FROM employee
```

```
WHERE Age > 30 AND Department = 'Marketing';
```

-- Answer to the Question No. 8:

```
SELECT * FROM employee;
```

-- Answer to the Question No. 9:

```
SELECT * FROM employee
```

```
WHERE FirstName LIKE "%son%" OR LastName LIKE "%son%";
```

```
-- Answer to the Question No. 10:
```

```
SELECT * FROM employee  
WHERE Department = "Engineering";
```