-- Create the Students table

CREATE TABLE Students (

StudentID INT PRIMARY KEY,

Name VARCHAR(100),

Age INT,

Gender VARCHAR(10),

GradeLevel VARCHAR(20),

School VARCHAR(100),

City VARCHAR(50),

AverageScore DECIMAL(5,2)

);

-- Insert sample data into the Students table

INSERT INTO Students (StudentID, Name, Age, Gender, GradeLevel, School, City, AverageScore) VALUES

(1, 'Alice Njeri', 16, 'Female', 'Form 2', 'Green Hill Academy', 'Nairobi', 78.5),

(2, 'Brian Otieno', 17, 'Male', 'Form 3', 'Kisumu Boys High', 'Kisumu', 84.3),

(3, 'Cynthia Wambui', 15, 'Female', 'Form 2', 'Ridgeways Girls', 'Nairobi', 91.0),

(4, 'David Mwangi', 16, 'Male', 'Form 2', 'Alliance High', 'Kikuyu', 74.0),

(5, 'Eva Akinyi', 18, 'Female', 'Form 4', 'Moi Girls Eldoret', 'Eldoret', 88.2),

(6, 'Felix Kiptoo', 17, 'Male', 'Form 3', 'Kapsabet Boys', 'Kapsabet', 82.7),

(7, 'Grace Muthoni', 14, 'Female', 'Form 1', 'Starehe Girls', 'Thika', 77.1),

(8, 'Hassan Abdalla', 15, 'Male', 'Form 2', 'Mombasa Secondary', 'Mombasa', 69.8),

(9, 'Irene Cherono', 16, 'Female', 'Form 3', 'Kabarak High', 'Nakuru', 86.4),

(10, 'John Kamau', 17, 'Male', 'Form 4', 'Lenana School', 'Nairobi', 80.0),

(11, 'Kevin Omondi', 15, 'Male', 'Form 2', 'Maseno School', 'Kisumu', 72.5);

SELECT DISTINCT GradeLevel FROM Students;

SELECT Name, Age FROM Students

WHERE Age > 15;

SELECT \* FROM Students

ORDER BY Age ASC;

SELECT \* FROM Students

WHERE Gender = 'Female'

ORDER BY Name DESC;

SELECT COUNT(\*) AS TotalStudents FROM Students;

SELECT AVG(Age) AS AverageAge FROM Students;