# Q2 - Part (iv): SQL Queries and Results

## A. Get all the information of all Students

SELECT \* FROM Students;

Sample Result:

|  |  |  |  |
| --- | --- | --- | --- |
| StudentID | Name | City | Age |
| 1 | Nimal | Kandy | 21 |
| 2 | Kamal | Colombo | 22 |
| 3 | Sunil | Kandy | 23 |
| 4 | Amal | Galle | 24 |
| 5 | Nirosha | Jaffna | 22 |

## B. Select student id, name and city from students who are from the ‘Kandy’

SELECT StudentID, Name, City FROM Students WHERE City = 'Kandy';

Sample Result:

|  |  |  |
| --- | --- | --- |
| StudentID | Name | City |
| 1 | Nimal | Kandy |
| 3 | Sunil | Kandy |

## C. Update the City as 'Galle' of the student whose id equals to 4

UPDATE Students SET City = 'Galle' WHERE StudentID = 4;

Sample Result:

|  |  |
| --- | --- |
| (1 row affected) | Student with ID 4 now has City = 'Galle' |

## D. Get all the information of all students with their course names

SELECT s.StudentID, s.Name, s.City, c.CourseName  
FROM Students s  
JOIN Enrollments e ON s.StudentID = e.StudentID  
JOIN Courses c ON e.CourseID = c.CourseID;

Sample Result:

|  |  |  |  |
| --- | --- | --- | --- |
| StudentID | Name | City | CourseName |
| 1 | Nimal | Kandy | Mathematics |
| 1 | Nimal | Kandy | Science |
| 2 | Kamal | Colombo | Science |
| 3 | Sunil | Kandy | English |
| 4 | Amal | Galle | Mathematics |
| 4 | Amal | Galle | History |
| 5 | Nirosha | Jaffna | Science |