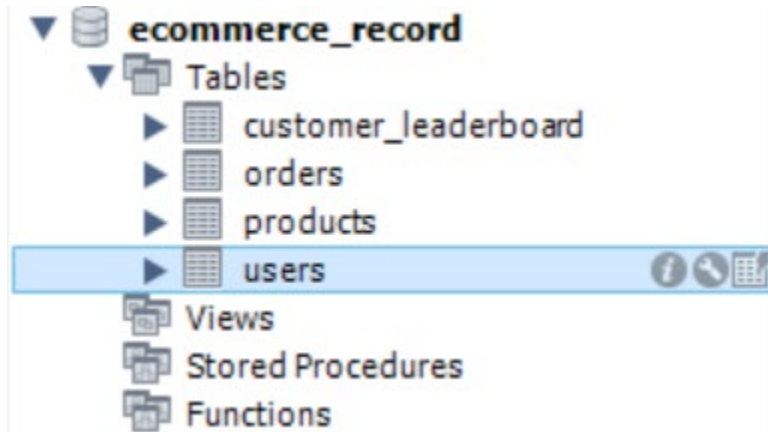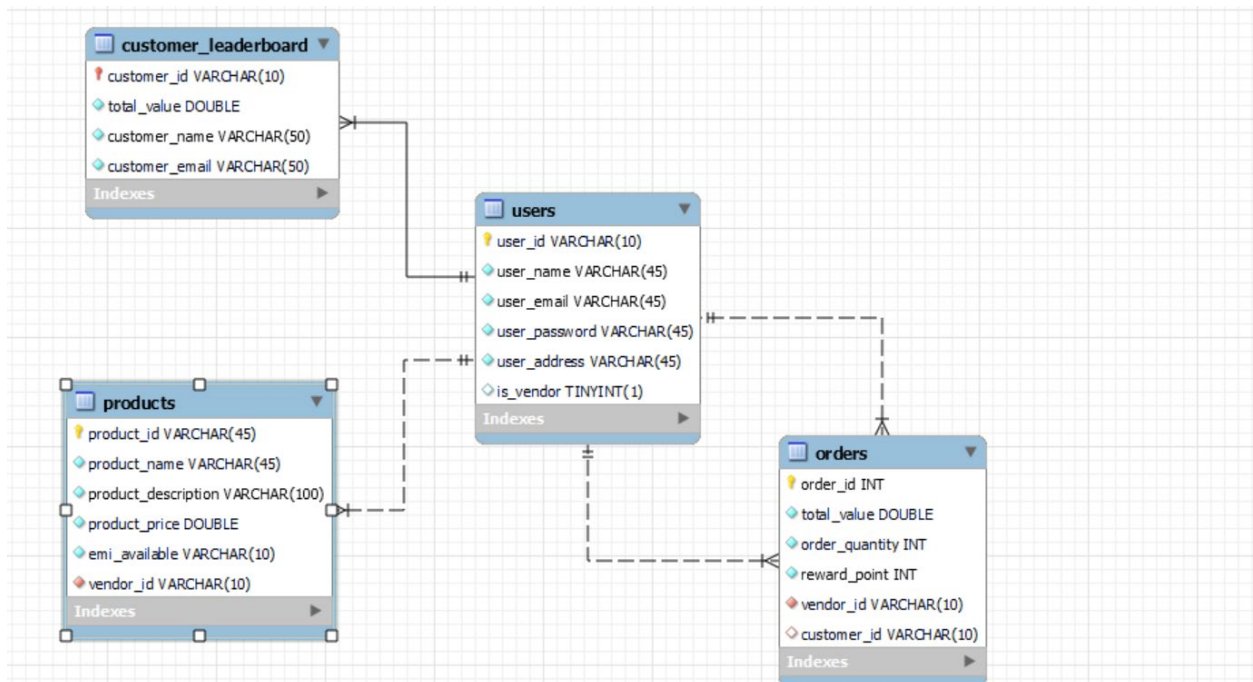PROJECT ECOMMERCE DATA STORAGE

1.a Create a database named **ecommerce_record.**

b. Create the required tables, mentioned in the ER diagram.

C:\Code\IITMandras\Week_5\Ecommerce_Data_Storage\venv\Scripts\python.exe

C:\Code\IITMandras\Week_5\Ecommerce_Data_Storage\main.py

MySQL Database connection successful

1.A CREATING THE DATABASE DONE !

Step1:Creating Users Table

Table Created successful

Creating Users Table Done

Step2:Creating Customer Leader Board

Table Created successful

Creating Customer Table Done

Step3:Creating Orders Table

Table Created successful

Creating Orders Table Done

Step4:Creating Products Table

Table Created successful

Creating Products Table Done

ALL Table Creations Completed

1.B CREATING TABLES DONE !

2.A USERS TABLE INSERTION DONE !

2.A PRODUCTS TABLE INSERTION DONE !

2.A ORDER TABLE INSERTION DONE !

2.B INSERT FIVE DIFFERENT ORDERS DONE !

2.C ROWS FIND FETCH ALL THE RECORDS OF THE ORDERS

(1, 36480.0, 2, 200, '5', '11')

(2, 73291.0, 5, 100, '5', '9')

(3, 89414.0, 3, 100, '5', '7')

(4, 42084.0, 3, 100, '4', '10')

(5, 43547.0, 1, 100, '5', '7')

(6, 82280.0, 4, 200, '5', '6')

(7, 127616.0, 2, 200, '2', '7')

(8, 138303.0, 3, 200, '2', '11')

(9, 88289.0, 5, 100, '1', '11')

(10, 99797.0, 1, 100, '2', '7')

(11, 112859.0, 2, 300, '5', '7')

(12, 28498.0, 2, 100, '5', '9')

(13, 87087.0, 5, 100, '3', '13')

(14, 106852.0, 4, 200, '5', '8')

(15, 135512.0, 5, 200, '4', '8')

(16, 50195.0, 5, 200, '1', '12')

(17, 120845.0, 2, 300, '2', '13')

(18, 128129.0, 4, 300, '2', '8')

(19, 116116.0, 1, 100, '4', '8')

(20, 19883.0, 1, 100, '1', '6')

(21, 40848.0, 5, 300, '2', '6')

(22, 142904.0, 2, 300, '1', '6')

(23, 22420.0, 4, 100, '4', '13')

(24, 103695.0, 2, 300, '4', '11')

(25, 62479.0, 4, 200, '2', '12')

(26, 145789.0, 4, 100, '2', '10')

(27, 33659.0, 1, 300, '2', '10')

(28, 90516.0, 4, 100, '5', '13')

(29, 132557.0, 4, 200, '4', '7')

(30, 18329.0, 1, 200, '5', '13')

(31, 99585.0, 4, 100, '2', '11')

(32, 92354.0, 1, 100, '5', '12')

(33, 133375.0, 2, 100, '4', '8')

(34, 36368.0, 4, 200, '2', '11')

(35, 21647.0, 4, 300, '1', '12')

(36, 148461.0, 3, 100, '5', '7')

(37, 116147.0, 3, 100, '5', '12')

(38, 77404.0, 3, 300, '5', '9')

(39, 121081.0, 3, 200, '3', '7')

(40, 128282.0, 2, 200, '2', '9')

(41, 14374.0, 3, 300, '5', '10')

(42, 18957.0, 4, 100, '4', '8')

(43, 60403.0, 4, 100, '5', '11')

(44, 112006.0, 4, 100, '3', '13')

(45, 123444.0, 3, 200, '3', '13')

(46, 24638.0, 4, 300, '3', '7')

(47, 132860.0, 5, 100, '4', '8')

(48, 116806.0, 1, 300, '4', '13')

(49, 127253.0, 5, 200, '2', '9')

(50, 81953.0, 2, 300, '3', '8')

(51, 19759.0, 2, 100, '3', '8')

(52, 124219.0, 3, 200, '5', '9')

(53, 135965.0, 3, 200, '3', '8')

(54, 81634.0, 2, 300, '1', '7')

(55, 95367.0, 1, 300, '1', '10')

(56, 104508.0, 1, 300, '4', '10')

(57, 29532.0, 3, 200, '4', '13')

(58, 89946.0, 1, 300, '2', '9')

(59, 57468.0, 4, 200, '2', '10')

(60, 42662.0, 2, 100, '1', '6')

(61, 67616.0, 2, 200, '4', '10')

(62, 72174.0, 2, 200, '1', '10')

(63, 75784.0, 2, 100, '1', '13')

(64, 96575.0, 1, 100, '5', '7')

(65, 102407.0, 5, 200, '1', '7')

(66, 15729.0, 3, 200, '3', '7')

(67, 31469.0, 3, 100, '2', '12')

(68, 114344.0, 4, 100, '4', '10')

(69, 119425.0, 2, 100, '2', '9')

(70, 46420.0, 2, 200, '3', '12')

(71, 148881.0, 2, 100, '1', '13')

(72, 136206.0, 1, 300, '4', '13')

(73, 26697.0, 2, 100, '3', '12')

(74, 106621.0, 2, 100, '3', '10')

(75, 81423.0, 3, 300, '5', '7')

(76, 109141.0, 4, 200, '2', '9')

(77, 143279.0, 4, 300, '4', '10')

(78, 130024.0, 1, 200, '5', '10')

(79, 40882.0, 4, 300, '5', '8')

(80, 79404.0, 4, 300, '1', '8')

(81, 139303.0, 1, 100, '4', '13')

(82, 94868.0, 3, 100, '2', '12')

(83, 53399.0, 2, 100, '2', '7')

(84, 20389.0, 4, 100, '1', '11')

(85, 37855.0, 1, 300, '5', '8')

(86, 82617.0, 4, 300, '5', '7')

(87, 12264.0, 4, 300, '2', '6')

(88, 99007.0, 1, 300, '2', '13')

(89, 65032.0, 4, 300, '1', '7')

(90, 140251.0, 3, 100, '3', '10')

(91, 110957.0, 2, 300, '2', '12')

(92, 14351.0, 2, 200, '2', '6')

(93, 131439.0, 1, 100, '2', '13')

(94, 14752.0, 4, 100, '3', '13')

(95, 139844.0, 1, 100, '3', '11')

(96, 93647.0, 1, 200, '4', '6')

(97, 144686.0, 4, 100, '1', '9')

(98, 71421.0, 5, 300, '2', '8')

(99, 15062.0, 5, 100, '1', '11')

(100, 16806.0, 5, 300, '4', '13')

(101, 120000.0, 7, 100, '1', '13')

(102, 130000.0, 8, 200, '3', '11')

(103, 14000.0, 9, 100, '4', '6')

(104, 15000.0, 10, 200, '2', '8')

(105, 16000.0, 11, 100, '1', '9')

3.A ROWS Find the maximum and minimum order value

MIN, MAX VALUES ARE [(12264.0, 148881.0)]

3.B ROWS value (total_value) greater than the average value (total_value)

(3, 89414.0, 3, 100, '5', '7')

(6, 82280.0, 4, 200, '5', '6')

(7, 127616.0, 2, 200, '2', '7')

(8, 138303.0, 3, 200, '2', '11')

(9, 88289.0, 5, 100, '1', '11')

(10, 99797.0, 1, 100, '2', '7')

(11, 112859.0, 2, 300, '5', '7')

(13, 87087.0, 5, 100, '3', '13')

(14, 106852.0, 4, 200, '5', '8')

(15, 135512.0, 5, 200, '4', '8')

(17, 120845.0, 2, 300, '2', '13')

(18, 128129.0, 4, 300, '2', '8')

(19, 116116.0, 1, 100, '4', '8')

(22, 142904.0, 2, 300, '1', '6')

(24, 103695.0, 2, 300, '4', '11')

(26, 145789.0, 4, 100, '2', '10')

(28, 90516.0, 4, 100, '5', '13')

(29, 132557.0, 4, 200, '4', '7')

(31, 99585.0, 4, 100, '2', '11')

(32, 92354.0, 1, 100, '5', '12')

(33, 133375.0, 2, 100, '4', '8')

(36, 148461.0, 3, 100, '5', '7')

(37, 116147.0, 3, 100, '5', '12')

(39, 121081.0, 3, 200, '3', '7')

(40, 128282.0, 2, 200, '2', '9')

(44, 112006.0, 4, 100, '3', '13')

(45, 123444.0, 3, 200, '3', '13')

(47, 132860.0, 5, 100, '4', '8')

(48, 116806.0, 1, 300, '4', '13')

(49, 127253.0, 5, 200, '2', '9')

(52, 124219.0, 3, 200, '5', '9')

(53, 135965.0, 3, 200, '3', '8')

(55, 95367.0, 1, 300, '1', '10')

(56, 104508.0, 1, 300, '4', '10')

(58, 89946.0, 1, 300, '2', '9')

(64, 96575.0, 1, 100, '5', '7')

(65, 102407.0, 5, 200, '1', '7')

(68, 114344.0, 4, 100, '4', '10')

(69, 119425.0, 2, 100, '2', '9')

(71, 148881.0, 2, 100, '1', '13')

(72, 136206.0, 1, 300, '4', '13')

(74, 106621.0, 2, 100, '3', '10')

(76, 109141.0, 4, 200, '2', '9')

(77, 143279.0, 4, 300, '4', '10')

(78, 130024.0, 1, 200, '5', '10')

(81, 139303.0, 1, 100, '4', '13')

(82, 94868.0, 3, 100, '2', '12')

(86, 82617.0, 4, 300, '5', '7')

(88, 99007.0, 1, 300, '2', '13')

(90, 140251.0, 3, 100, '3', '10')

(91, 110957.0, 2, 300, '2', '12')

(93, 131439.0, 1, 100, '2', '13')

(95, 139844.0, 1, 100, '3', '11')

(96, 93647.0, 1, 200, '4', '6')

(97, 144686.0, 4, 100, '1', '9')

(101, 120000.0, 7, 100, '1', '13')

(102, 130000.0, 8, 200, '3', '11')

3.C Insert one row for each registered customer who has made a purchase. And fill the (total_value) of this table, with the highest purchase value (total_value) of the orders table for a customer. In case a customer has not made any purchase, then do not add a record of the customer.)

Data Inserted Successfully

Fetch Customer_LeaderBoard

('10', 145789.0, 'user_4', 'user_4@example.com')

('11', 139844.0, 'user_5', 'user_5@example.com')

('12', 116147.0, 'user_6', 'user_6@example.com')

('13', 148881.0, 'user_7', 'user_7@example.com')

('6', 142904.0, 'admin', 'admin@example.com')

('7', 148461.0, 'user_1', 'user_1@example.com')

('8', 135965.0, 'user_2', 'user_2@example.com')

('9', 144686.0, 'user_3', 'user_3@example.com')

Process finished with exit code 0