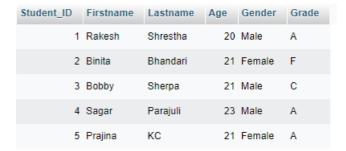
Week-7

Hands on Lab Questions

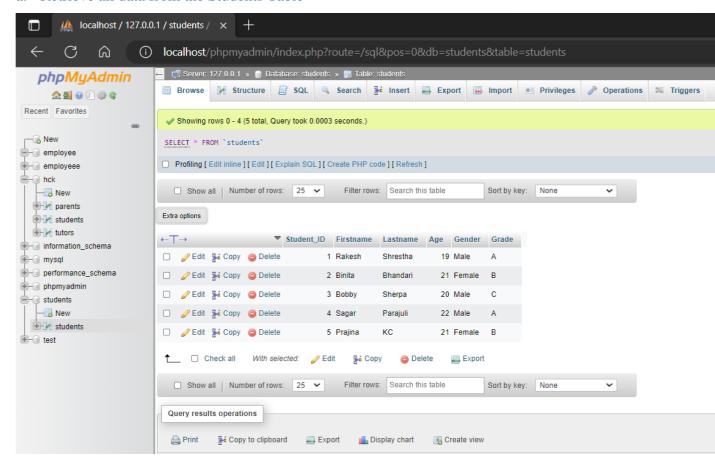
1. Table: Students

Student_ID	Firstname	Lastname	Age	Gender	Grade
1	Rakesh	Shrestha	19	Male	A
2	Binita	Bhandari	21	Female	В
3	Bobby	Sherpa	20	Male	С
4	Sagar	Parajuli	22	Male	A
5	Prajina	KC	21	Female	В

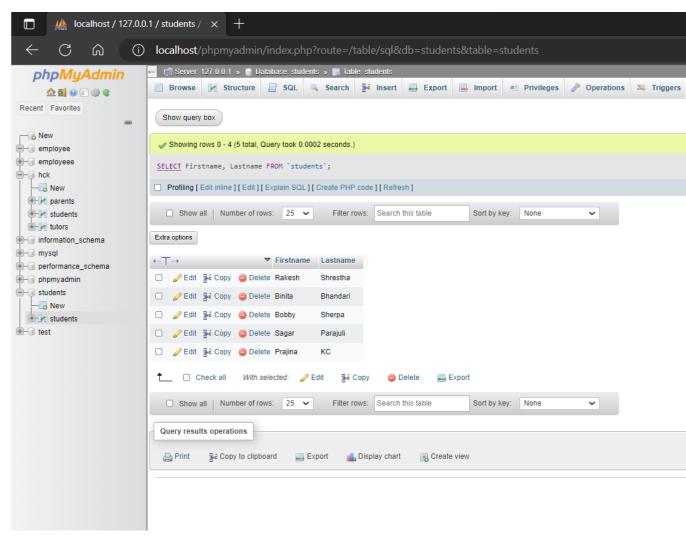


Queries:

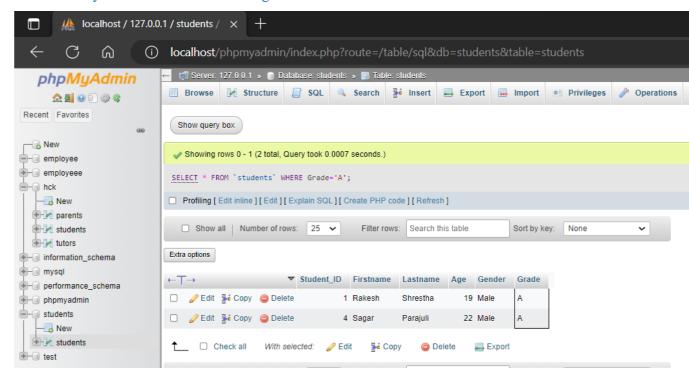
a. Retrieve all data from the Students Table



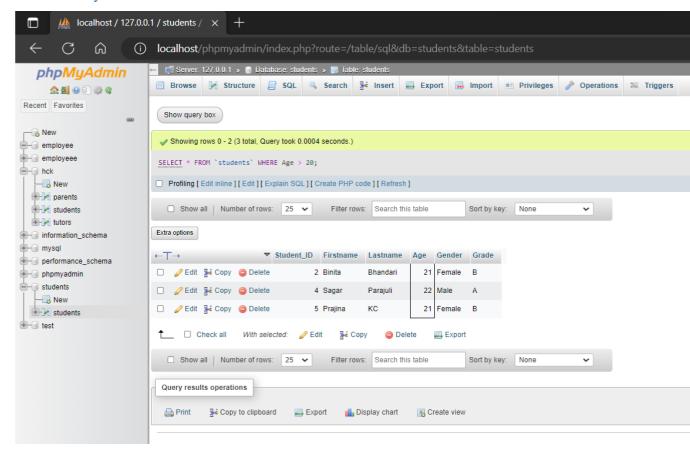
b. Retrieve first name and last name of all students



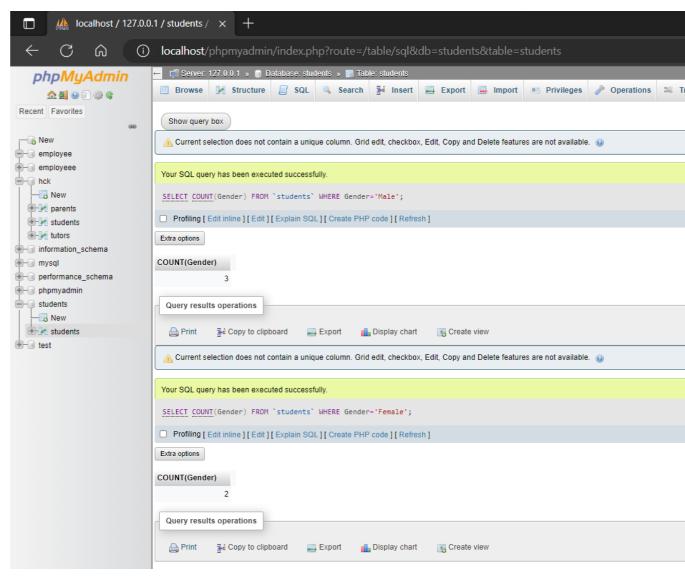
c. Retrieve only the students who have a grade A



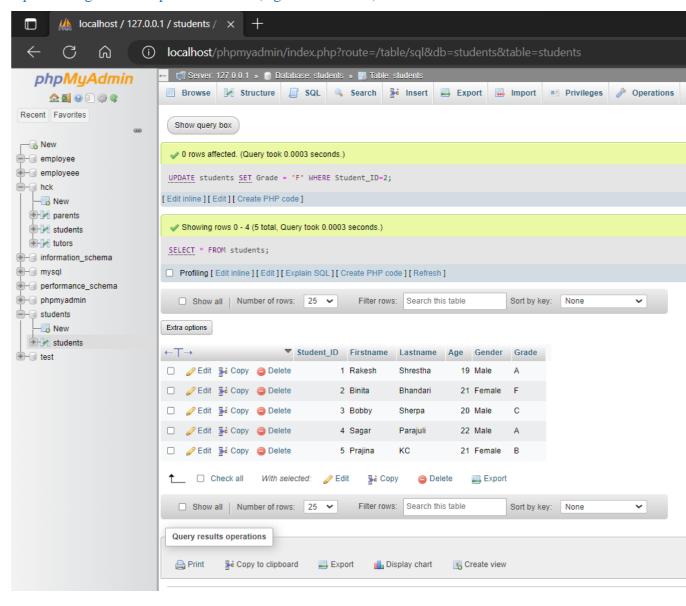
d. Retrieve only the students who are older than 20



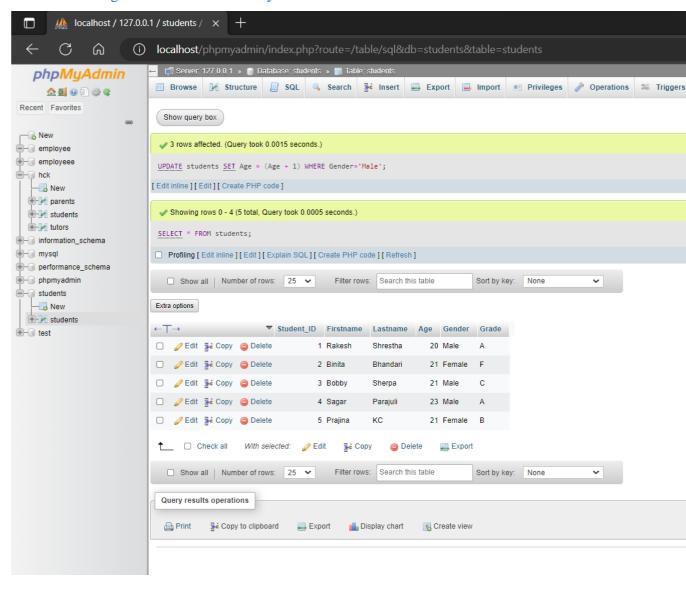
e. Retrieve the count of male and female students



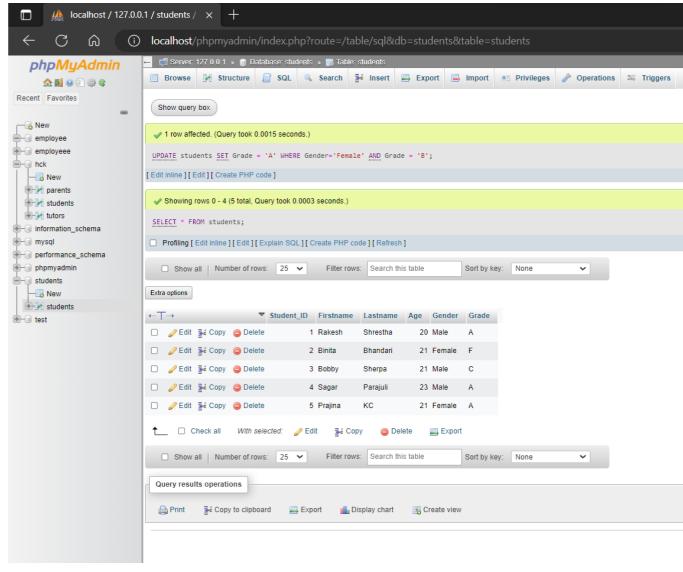
f. Update the grade of a specific student (e.g. StudentID=3)



g. Increment the age of all male students by 1



h. Update the grade of all female students who have a grade of 'B' to 'A'



2. Table: Customers

Customer_ID	Firstname	Lastname	Age	Gender	Email
1	Kabir	Sharma	25	Male	kabir@gmail.com
2	Haris	Shrestha	30	Male	haris@gmail.com
3	Deepti	Singh	26	Female	deepti@gmail.com

Customer_ID	Firstname	Lastname	Age	Gender	Email
1	Kabir	Sharma	25	Male	kabir@gmail.com
2	Haris	Shrestha	30	Male	haris@gmail.com
3	Deepti	Singh	26	Female	deepti@gmail.com

Table: Orders

OrderID	CustomerID	OrderDate	Total
1	1	2023-04-06	1000
2	1	2023-04-01	3000
3	2	2023-03-22	3500
4	3	2023-04-04	2300

OrderID	CustomerID		OrderDate	Total
1		1	2023-04-6	1000
2	!	1	2023-04-1	3000
3		2	2023-03-22	3500
4	l	3	2023-04-04	2300

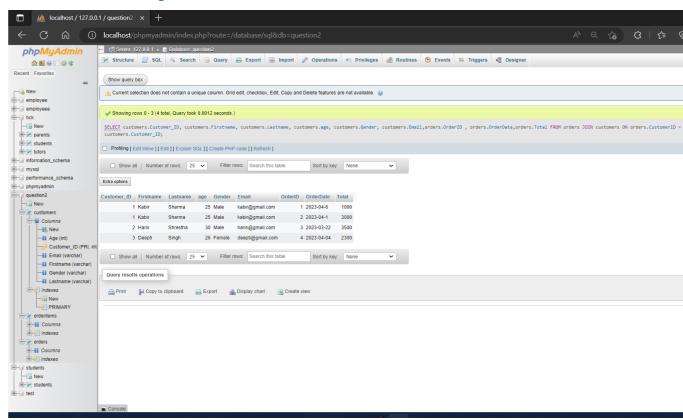
Table: OrderItems

OrderItemID	OrderID	ProductItems	Quantity	Price
1	1	Product A	2	1200
2	1	Product B	3	1345
3	2	Product C	4	1360
4	3	Product D	5	950
5	3	Product E	1	1125
6	4	Product F	2	1780
7	4	Product G	1	1560
8	3	Product H	3	1220

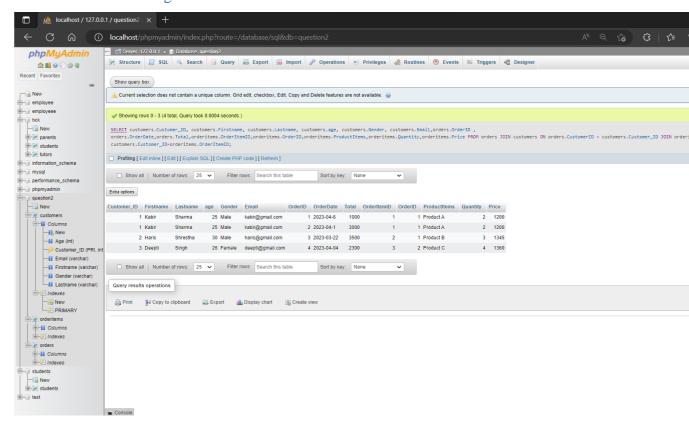
OrderItemID	OrderID		ProductItems	Quantity		Price
!	1	1	Product A		2	1200
!	2	1	Product B		3	1345
!	3	2	Product C		4	1360
!	4	3	Product D		5	950
	5	3	Product E		1	1125
!	6	4	Product F		2	1780
	7	4	Product G		1	1560
!	8	3	Product H		3	1220

Queries:

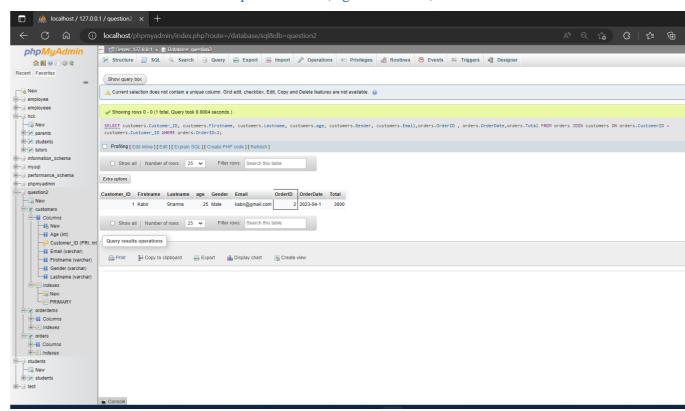
a. Retrieve all orders along with the customer details



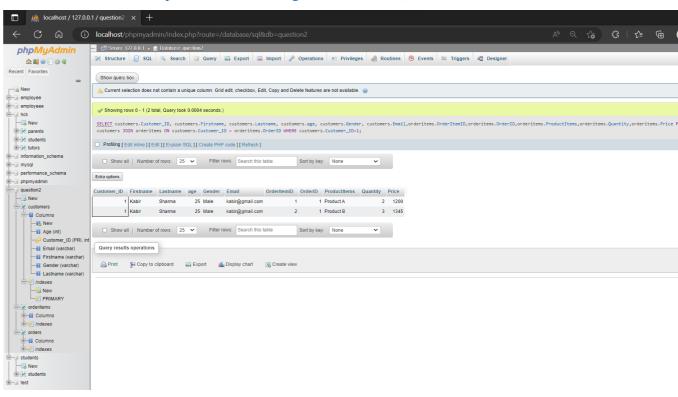
b. Retrieve all orders along with the customer details and order items



c. Retrieve the customer details for a specific order (e.g. OrderID=2)



d. Retrieve all orders for a specific customer (e.g. CustomerID=1)



e. Retrieve the total revenue generated by each customer

