FALL 2022	**LAB-MIDTERM**
Course: Database Systems	**Course Code: CSC-371**
Date: 25 October 2024	**Course Instructor: Dr.Qazi Zia**

Name: - Arooj Fatima   **Regt. No: Fa22-Bce-021**

QUESTION:-

Create and analyze a database for managing student grades in MS Access.

1. Tables:

a: A students table:

Student ID	First Name	Last Name	Class	Click to Add
1	Arooj	Fatima	CE V	
2	Lariab	Nisar	CE V	
3	malaika	Fatima	CE V	
4	Malaika	Amir	CE V	
5	khansa	eman	CE V	
6	Afia	Iqbal	CE V	
(New)				

b: Courses table:

CourseID	CourseName	Credits	Click to Add
1	ECA	4	
2	Applied Physic	4	
3	OS	3	
4	PST	3	
5	OOP	4	
(New)			

c: Grades table:

GradeID	StudentID	CourseID	Grade	Click to Add
1	1	1	3.6	
2	2	2	4	
3	3	3	2.8	
4	4	4	4	
5	5	5	3.2	
6	6	1	3.66	
7	7	2	3.12	
8	8	3	3.01	
9	9	4	3.33	
10	1	5	4	
* (New)				

1. Relationships:

Courses Table | Grades | Students table | GradeReport | StudentGradeForm | StudentGradeReport | Relationships

Courses Table
- CourseID
- CourseName
- Credits

Grades
- GradeID
- StudentID
- CourseID
- Grade

Students table
- Student ID
- First Name
- Last Name
- Class
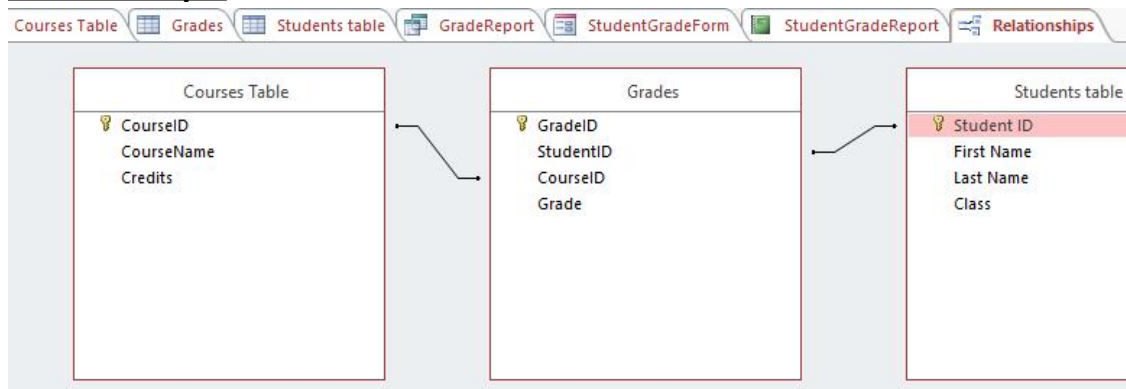
2. Form:

GradeReport

First Name	Arooj
Last Name	Fatima
Class	CE V
CourseName	ECA
Grade	3.6

3. Query:

All Access Obje... «

Search...

Tables ≫
- Courses Table
- Grades
- Students table

Queries ≫
- GradeReport

Forms ≫
- StudentGradeForm

Reports ≫
- StudentGradeReport

Tabs: Courses Table | Grades | Students table | GradeReport | Student

First Name	Last Name	Class	CourseName	Grade
Arooj	Fatima	CE V	ECA	3.6
Lariab	Nisar	CE V	Applied Physic	4
malaika	Fatima	CE V	OS	2.8
Malaika	Amir	CE V	PST	4
khansa	eman	CE V	OOP	3.2
Afia	Iqbal	CE V	ECA	3.66
Arooj	Fatima	CE V	OOP	4

4. Report:

Tabs: Courses Table | Grades | Students table | GradeReport | StudentGradeForm | StudentGradeReport | Relationships

GradeReport Friday, October 25, 2024 3:21:34 PM

First Name	Last Name	Class	CourseName	Grade
Laiba	Fatima	CE V	ECA	3.6
Laiba	Nisar	CE V	Applied Physics	4
Laiba	Fatima	CE V	OS	2.8
Laiba	Amir	CE V	PST	4
Laiba	eman	CE V	OOP	3.2
Laiba	Iqbal	CE V	ECA	3.66
Laiba	Fatima	CE V	OOP	4

7