

Database System

Design CPE 450

Task 4

- 1) Create a table named Student with the following attributes:
 - Id which is of type int.
 - Fname, Lname, Major, and Address are of type varchar(15).
 - Gender is of type varchar(1).
 - Gpa is of type float.
- 2) **Use Alter table** to:
 - Add suitable attribute as primary key
 - Add constraint to make the value of Gender M or F
- 3) Use the insert command to fill the table with the data shown below:

Id	Fname	Lname	Gender	Major	Address	Gpa
1	Ahmad	Hammad	M	Physics	Irbid	3.4
2	Ola	Alkhateeb	F	Physics	Amman	3.1
3	Farah	Hamouri	F	Chemistry	Irbid	2.9
4	Zain	Jaradat	M	Chemistry	Zarqa	2.7
5	Areej	Samhouri	F	Biology	Amman	3

- 4) Display the contents of the table.
- 5) Display the first names of all the students
- 6) Display the full name of the students in the format "Fname Lname" in one column and give the column suitable Alias name
- 7) Display the first and last names of all students who live in "Irbid".
- 8) Display the addresses of students without duplication
- 9) Display the id, first names, GPA (with increase 0.3) and give the column suitable Alias name
- 10) Display the First names of females with Majority.