

## ACCESS EXERCISE 8 (*Revision Exercise*)

1. Create a new database under the name **Fortuna College**, save it in your group folder.
2. Create The Following Table in Design View and enter the records.

Students ID	First Name	Last Name	Sex	Birth Date	Total Score	Subjects Taken
FC-630	RAHEL	gebregergish	F	07/05/76	181	2
FC-315	BEREKET	tesfagabir	M	04/06/72	240	3
FC-150	GHENNET	tewoldemedhin	F	05/08/71	360	4
FC-501	RAHEL	tsegay	F	01/10/79	260	4
FC-180	MOHAMMEDALI	beshir	M	02/08/82	190	2
FC-700	LETTEAMLAK	adhanom	F	11/02/70	250	5

- a. Give the appropriate Data Types and Field Properties.
- b. Set the field **Students ID** as a primary key.
- c. Set the Input Mask property for **Students ID** and **Birth Date**
- d. Set a Default value, Validation Rule and Text for the field **Sex**.
- e. Save the table under the name **Results** and enter the records.
3. Create a new query using the following Fields, sorting order and Criteria:
  - Fields:** All fields, and a calculated field **Average**.
  - Sort:** Use the Field **First Name** to sort in ascending order and **Last Name** to sort in descending order.
  - Criteria:** Born before Jan 01, 1980 and who have an average point greater and equal to 80.
  - Query name:** **Outstanding Students**
4. Create a new form using the Form Wizard from the table **Results**:
  - a. Use **All** the Fields.
  - b. Use Form layout **Justified**.
  - c. Use Form Style **Sumi Paintings**.
  - d. Save the Form under the name **Students Results Form**.
  - e. Add **Students Result Form** as the Forms title and Give the following properties: Back Color, Pink: Special Effects, Raised: Fore Color, Blue: Font Size, 14: Text Align, Center.
5. Create a new Report from the **Outstanding Students** Query:
  - a. Use **All** Fields.
  - b. Group by the field **Sex**.
  - c. Sort using **First Name** Descending and **Last Name** Ascending.
  - d. Use Report layout **Align Left 1**.
  - e. Use Report style **Soft Gray**.
  - f. Save the Report with the name **Outstanding Students Report**.