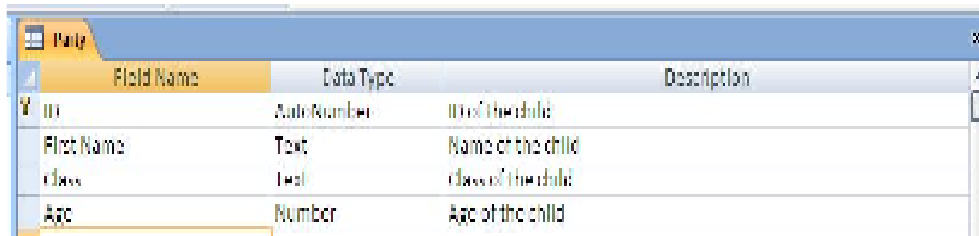


Lab 20_extra_Microsoft Access_E

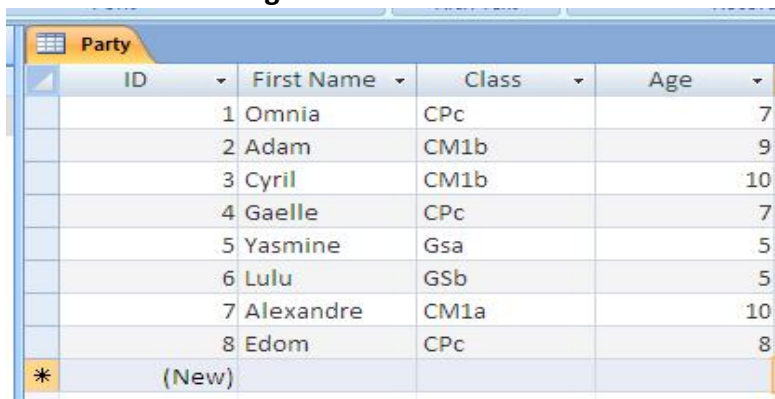
- Open the database that you already created in Lab19_extra_access_D.
- If you didn't make this lab, create the following table
 - Design view:



The screenshot shows the Design view of a table named 'Party'. The table has four fields: ID (AutoNumber, primary key), First Name (Text), Class (Text), and Age (Number). The description for each field is provided in the third column.

Field Name	Data Type	Description
ID	AutoNumber	ID of the child
First Name	Text	Name of the child
Class	Text	Class of the child
Age	Number	Age of the child

- Datasheet view:
Enter the following data.



The screenshot shows the Datasheet view of the 'Party' table. It contains 8 records with columns ID, First Name, Class, and Age. A new record is shown at the bottom with a '*' in the ID column and '(New)' in the First Name column.

ID	First Name	Class	Age
1	Omnia	CPc	7
2	Adam	CM1b	9
3	Cyril	CM1b	10
4	Gaelle	CPc	7
5	Yasmine	Gsa	5
6	Lulu	GSb	5
7	Alexandre	CM1a	10
8	Edom	CPc	8
*	(New)		

- Change the caption of First Name by Name.
- Create the following queries:
 - Q1_Sort and Top: Display all the fields and sort the data on the age in an ascending way. Return only the 5 top values.
 - Q2_Sort on 2 criteria: Display all the fields and sort the data on the class in an ascending way and then on the age in a descending way.
 - Q3_New value: Compute a new value in the table named Majority and computed according the following formula: Majority = 20 - age.
 - Q1_Average: Compute the Average of Age.
 - Q2_Class Average: Compute the Average of Age for the children in CM1b class.
 - Q3_CM1 Average: Compute the Average of Age for the children in CM1 classes.
 - Q4_Group Average: Compute the Average of Age for the children per class.
 - Q5_Maximum: Compute the Maximum of Age.
 - Q6_Class Maximum: Compute the Maximum of Age for the children in CPc class
 - Q7_Group Maximum: Compute the Maximum of Age for the children per class.
 - Q8_Minimum condition: Compute the Minimum of Age for the children where the Name ends with M.