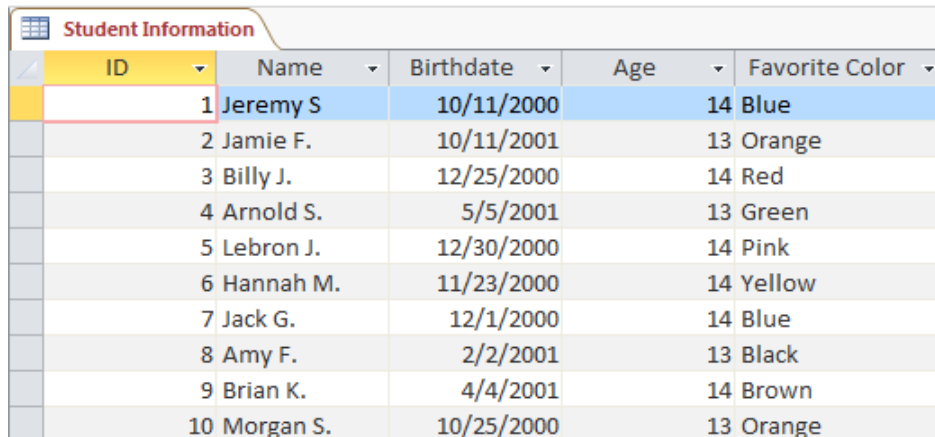


ICT Database Essentials Lesson 2

Excerpt from Database Tables, Fields, and Records

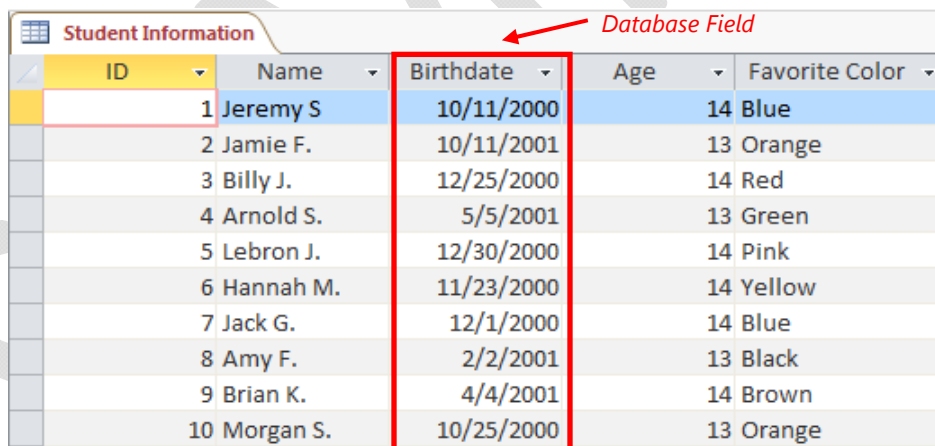
- Explain that databases store data in tables that are made up of fields and records.
 - Tables within a database can also be called “datasheets” (see Figure 2-1).



ID	Name	Birthdate	Age	Favorite Color
1	Jeremy S.	10/11/2000	14	Blue
2	Jamie F.	10/11/2001	13	Orange
3	Billy J.	12/25/2000	14	Red
4	Arnold S.	5/5/2001	13	Green
5	Lebron J.	12/30/2000	14	Pink
6	Hannah M.	11/23/2000	14	Yellow
7	Jack G.	12/1/2000	14	Blue
8	Amy F.	2/2/2001	13	Black
9	Brian K.	4/4/2001	14	Brown
10	Morgan S.	10/25/2000	13	Orange

Figure 2-1: Database table

- Demonstrate how to open a table in Access using the “Students.accdb” file.
- Distinguish between fields and records in a database.
 - In a database table of columns and rows, a field is a column (see Figure 2-2).



ID	Name	Birthdate	Age	Favorite Color
1	Jeremy S.	10/11/2000	14	Blue
2	Jamie F.	10/11/2001	13	Orange
3	Billy J.	12/25/2000	14	Red
4	Arnold S.	5/5/2001	13	Green
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6	Hannah M.	11/23/2000	14	Yellow
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8	Amy F.	2/2/2001	13	Black
9	Brian K.	4/4/2001	14	Brown
10	Morgan S.	10/25/2000	13	Orange

Figure 2-2: Database field

- Show the video "[Introduction to Objects](#)" (YouTube video, 5 mins) and review the information.
- Explain that when you use websites such as Facebook, all of your profile information, posts, and photos — anything you enter on the site — are stored in the site's database tables.