Exploring Databases
Grade 4 ICT

Learning Objective: Understand the use of database

Watch the video about database

Click the image below to open the presentation/slides. Read each slide carefully



LIVEWORKSHEETS

1) a collection of data held in tables

A. database
C. information
B. form
D. filter

2.) numbers, or words that have no meaning on their own, for example, 25 or database

A. information
C. data
B. database
D. Teams

3.) this is data that has meaning; you can understand what it is telling you, for example, 12 horses

A. record
C. data type
B. information
D. files

4.) a document, for example a database, that is stored in a computer

A. file
C. information
B. database
D. data

5.) one piece of information, for example, age

A. field
C. record
B. column
D. row

6.) all the horizontally in a table, for example, all the fields for one patient

A. row
C. record
B. column
D. data

7.) a collection of completed field about one object, item or person

A. row
C. record
B. column
D. data

LIVEWORKSHEETS

Activity

Use below table to answer the following questions

Patient ID	First name	Second name	Date of birth	Ward number
12ABS	Jen	Cardi	01/02/1975	2a
55KKI	Odo	Tembe	16/03/1968	5b
19HH1	Muhammed	Malouf	02/02/1982	3a
77EJ9	Nishith	Patel	08/12/1983	2a

1) List down the second name of all patients in ward 2a.

2) Write down all the names of all five fields in the table

3) Write down the Patient IDs of all four (4) records in the table



Customers

ID	First Name	Last Name	Street Address	City	State	Zip Code	Email
1	Ash Lee	Navidson	505 Minute Way	Raleigh	NC	27608	ashleenavy@email.com
2	Lucinda	George	789 Brewer St.	Cary	NC	27513	lugeo@email.com
3	Jerrod	Smith	211 St. George Ave.	Raleigh	NC	27610	texj@email.com
4	Brett	Newkirk	47 Hillsborough St.	Raleigh	NC	27608	newkb@email.com
5	Chloe	Jones	23 Solo Ln.	Raleigh	NC	27609	lo@email.com
6	Quinton	Boyd	4 Cypress Cr.	Durham	NC	27714	denqui@email.com
7	Alex	Hinton	1011 Hodge Ln.	Cary	NC	27513	dhoda@email.com
8	Nisha	Hall	123 Huntington St.	Raleigh	NC	27612	hall@email.com
9	Hillary	Clayton	2516 Newman	Raleigh	NC	27606	mshill@email.com
10	Kiara	Williams	9014 Miller Ln.	Durham	NC	27714	rogki@email.com

LIVEWORKSHEETS

Customers

ID	First Name	Last Name	Street Address	City	State	Zip Code	Email
1	Ash Lee	Navidson	505 Minute Way	Raleigh	NC	27608	ashleenavy@email.com
2	Lucinda	George	789 Brewer St.	Cary	NC	27513	lugeo@email.com
3	Jerrod	Smith	211 St. George Ave.	Raleigh	NC	27610	texj@email.com
4	Brett	Newkirk	47 Hillsborough St.	Raleigh	NC	27608	newkb@email.com
5	Chloe	Jones	23 Solo Ln.	Raleigh	NC	27609	lo@email.com
6	Quinton	Boyd	4 Cypress Cr.	Durham	NC	27714	denqui@email.com
7	Alex	Hinton	1011 Hodge Ln.	Cary	NC	27513	dhoda@email.com
8	Nisha	Hall	123 Huntington St.	Raleigh	NC	27612	hall@email.com
9	Hillary	Clayton	2516 Newman	Raleigh	NC	27606	mshill@email.com
10	Kiara	Williams	9014 Miller Ln.	Durham	NC	27714	rogki@email.com

Last Name	Ash Lee	Zip Code	Email
Alex	27714	ID	First Name
Street Address	Smith	Newman	10
State	Kiara	lugeo@email.com	Brett
Hillary	3	NC	27610

Field

Record

LIVEWORKSHEETS