



Rosary School
Marj Elhamam

Database Worksheet -2-

Name: _____

Grade: 9 ()

Task 1 – Evidence Document

- Open the file J216EVIDENCE.RTF
- Make sure that your name, Centre number and candidate number will appear on every page of this document.
- Save this Evidence Document in your work area as J216EVIDENCE followed by your candidate number. For example, J216EVIDENCE9999

You will need this Evidence Document to store screenshots of the evidence you are instructed to produce.

Task 2 – Database

You are now going to prepare some reports for the company. Make sure all currency values display the € sign and are to two decimal places.

- 1 • Using a suitable database package, import the file J216ADSPORTS.CSV
- Use these field names and data types:

<i>Course_Code</i>	Text	
<i>Activity</i>	Text	
<i>Type</i>	Text	
<i>Rating</i>	Number	Integer
<i>Location</i>	Text	
<i>Residential</i>	Boolean/Logical	To display as Yes/No
<i>Course_Cost</i>	Number	Numeric/Currency
<i>Duration</i>	Number	Integer

- Set the *Course_Code* field as a Primary key.
- Save the data.

EVIDENCE 5

Take screenshot evidence showing the field names and data types used in the table. Place this screenshot into your Evidence Document.

[4]

- 2 • Add the following record to the *Adsports* table

<i>Course_Code</i>	<i>Activity</i>	<i>Type</i>	<i>Rating</i>	<i>Location</i>	<i>Residential</i>	<i>Course_Cost</i>	<i>Duration</i>
CO029	Zap Cat	Water	4	Cornwall	Yes	471	6

- 3 • Import the file J216RATINGS.CSV as a new table in your database.
- Set the *Activity_Rating* field as a Primary key.
 - Create a one-to-many relationship as a link between the *Rating* field in the *J216ADSPORTS* table and the *Activity_Rating* field in the *J216RATINGS* table.

EVIDENCE 9

Place in your Evidence Document screenshot(s) showing the relationship between the two tables.

[1]

- 4 • Using fields from both the *J216ADSPORTS* and the *J216RATINGS* tables, produce a report which:
- contains a new field called *Daily_Cost* which is calculated at run-time and displayed as currency. This field will calculate the *Course_Cost* divided by *Duration*
 - shows only the records where the *Type* is *Water*, *Residential* is *Yes*, *Duration* is 12 days or less and excludes those activities located in *Scotland*
 - shows only the fields *Course_Code*, *Location*, *Activity*, *Level*, *Duration*, *Residential* and *Daily_Cost* in this order with data and labels displayed in full
 - sorts the data into ascending order of *Activity* within ascending order of *Location*
 - has a page orientation of landscape
 - fits on a single page wide
 - calculates the total number of *Course_Codes* in this selection and positions this number under the *Course_Code* column
 - has the label *Total water codes* to the right of this number
 - includes the report title *Residential Water Activities* at the top of the page
 - has your name, Centre number and candidate number at the bottom of the report.
- Save and print your report.

PRINTOUT 1

Make sure that you have entered your name, Centre number and candidate number on your report.

EVIDENCE 10

Place in your Evidence Document screenshot(s) showing the formula used to calculate the total number of activities.

[12]

- 5 • Produce an extract from all the data which:
- selects only those activities:
 - which include **Ski** or **Snow**
 - located in **France**
 - where the *Rating* is **5**
 - shows only the fields *Activity*, *Course_Code*, *Course_Cost* in this order
 - sorts the *Course_Cost* in descending order.

EVIDENCE 11

Place in your Evidence Document screenshot(s) showing the criteria used to select the required records.

- Save this data so that it can be imported into the document [4]