

Data types in a database

First read this page -

<http://office.microsoft.com/en-gb/access-help/introduction-to-data-types-and-field-properties-HA010233292.aspx>

Questions

Fill in the blanks in the table;

Type	Description
	Monetary values.
	Numbers that are automatically generated for each record.
	links like email addresses
	Text - less than 255 characters
	Text - More than 255 characters
	Boolean values
	A linked excel spreadsheet (in access 2003)
Number	

1. How big a number can be stored using 2 bytes in the number field?
2. What is a 'Default Value'?
3. Write todays date as a;
 - a. Long date
 - b. Medium date
 - c. Short date
4. Which data type should always appear in a database table once, and only once.

An address books stores a persons contact details using the schema.

tblContacts = (ID, Title, FirstName, Surname, HouseNumber, StreetName, StreetType, Town, County, Postcode, Telephone)

1. What field type should ID be?
2. Why is the name stored as three data items rather than one?
3. The HouseNumber field is set asa a number, with size 'byte'. Given that this database is for UK addresses - is this data type good or bad? Explain why.

4. What data type settings should be set for the telephone field?