Data types

Description

|  |
| --- |
| Obviously used to store dates and times. |
| Represents the values of True/ false or Yes/no |
| Capable of holding any alphanumerical character whether it be text, symbols or numbers. |
| Deals with whole numbers not a fractional number. Not Decimal numbers. It can be positive, negative or zero. If a decimal point is not needed then you can use this form as it could save storage + be quicker to process. |
| Contains numeric data in a decimal form. It’s used when you need more accurate information is required. (It cannot store the measurement symbol) |

Examples - Other notes

|  |
| --- |
| True / false, yes / no, 1/0,  If white is a colour **AND** snow is called then print “ice cream” If “white is a colour” **AND** “snow is cold”  If (true) **AND** (true) then print “ice cream” If colour = 1 **AND** cold = 1 the print “ice cream” |
| Distance in Km – 23.62, 3.51222, 109.33  Speed in m/s – 62.5, 10.2  Weight in kg – 20.666, 32.7  Price in £ - 5.99 |
| -9, 3, 5, 98, 5103 |
| Problem comes because date and times come in many different forms.  11/06/2014 means something different in US than the UK |
| Astring = “Hello World” – this will return whatever is in the “” |