**Data types:**

**Numbers:** in dart are used to represent numeric literals and there are two types **int** and **Double**

* **Strings:** Strings represent a string of characters. For example, if you are going to store some data like name, address, etc. it is written as this **"Hanan"** so we must put it between to quotation marks then the output will be Hanan.
* **Booleans:** The Boolean data type represents Boolean values **true** and **false**. Dart uses the **bool** keyword to represent a Boolean value.
* **Lists** A List is an ordered group of objects. The List data type in Dart is synonymous to theconcept of an **array** in other programming languages.
* **Maps:** The Map data type represents a set of values as” key-value pairs.” Such as “HANAN”:123456, (unordered)

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* **$ - string interpolation:** This feature allows us to put a variable inside string and the result will be the value of the variable**.**

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* **Main:** Any program we want to write must contain this function main because it defines for us the entry point in the program, and we can consider that the entry point is the first line after we open a curly bracket”} “which defines the start of the main function and thus the beginning of the program
* **Variable Naming**
* Identifiers cannot be keywords.
* Identifiers can contain alphabets and numbers.
* Identifiers cannot contain spaces and special characters, except the underscore (\_) and the dollar ($) sign.
* Variable names cannot begin with a number.

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**Command line:**

The command line, also called the Windows command line, command screen, or text interface, is a user interface that's navigated by typing commands at prompts, instead of using a mouse

**Terminal**: is a wrapper program that runs a shell and allows us to enter commands.

هي الشاشة السوداء تستقبل أي شي يتم كتابه على الكيبورد وتعرض بعدها أي شي تستقبله من النظام باختصار فقط شاشه تعرض المدخلات وتعرض المخرجات

**Console:** is a type of terminal. It is a window in which your text-mode programs are active.

البعض يقول انها نوع من التيرمينال والبعض يقول انها تختلف حسب النظام Terminal والبعض يقول انها نفسها