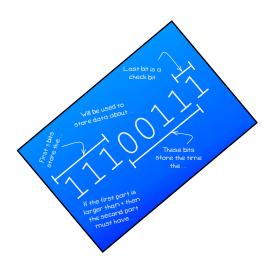
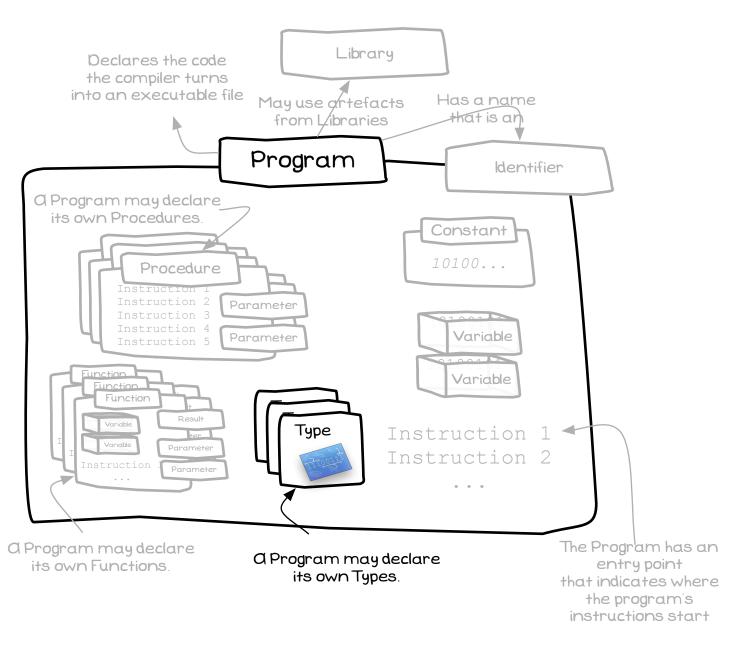
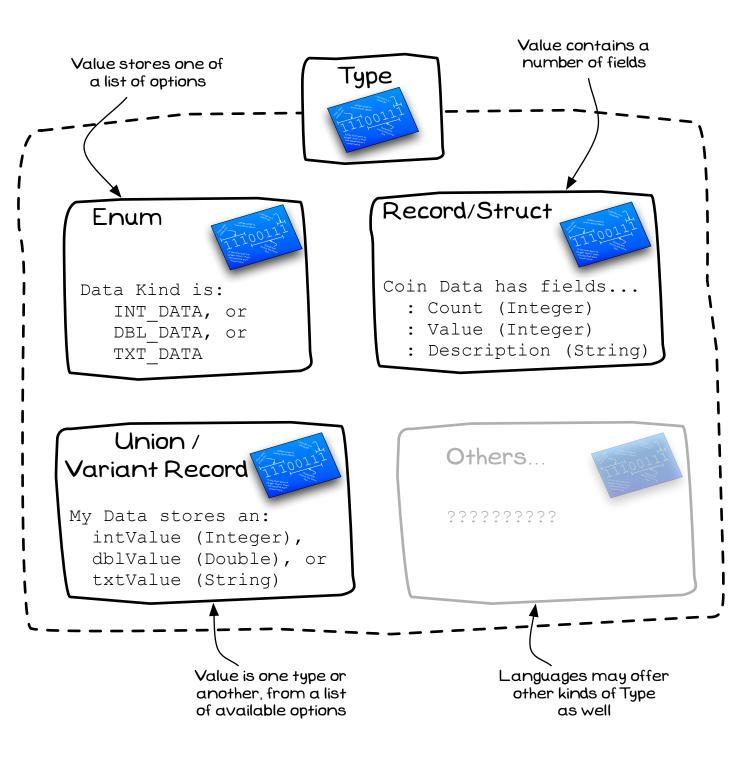


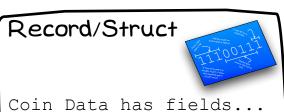
a Type is a specification



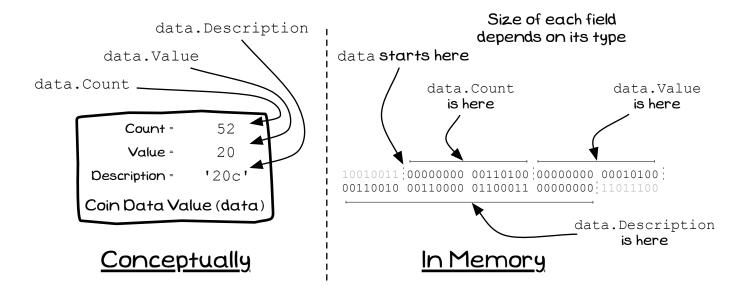








- : Count (Integer)
- : Value (Integer)
- : Description (String)





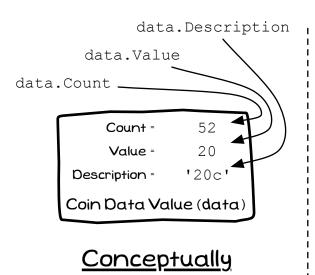


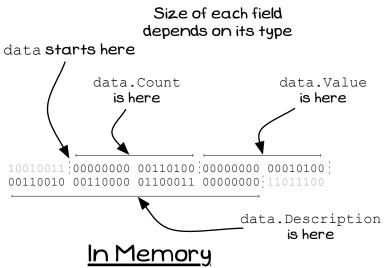
Row has fields...

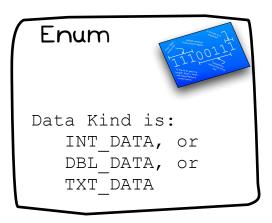
: Id (Integer)

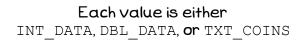
: Kind (Data Kind)

: Value (Column Value)







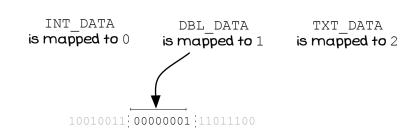


DBL_DATA

Data Kind

Conceptually

Each option is mapped to a numeric value.



The first option get 0, the second 1, the third 2, and so on...

In Memory

Union / Variant Record

My Data stores an:
 intValue (Integer),
 dblValue (Double), or
 txtValue (String of 9 chars)

Space taken is as large as the largest type that could be stored

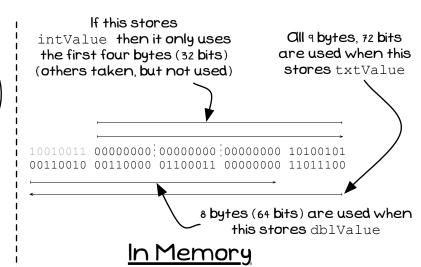
Each value stores either the

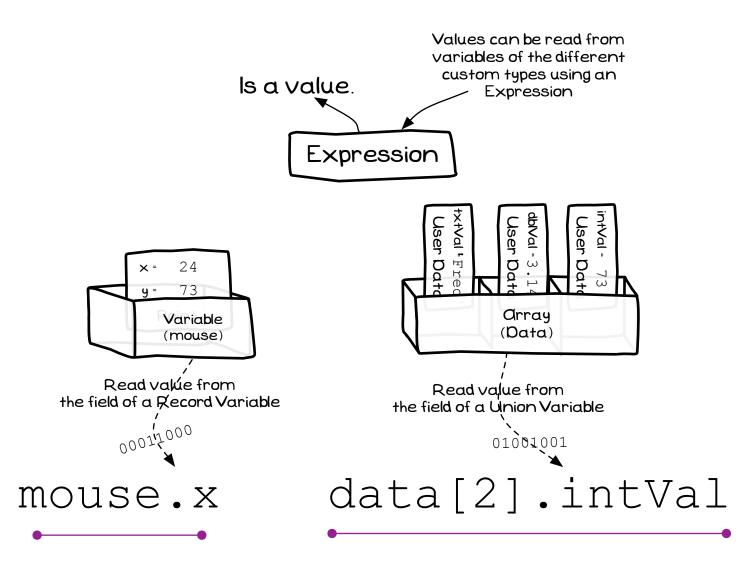
Integer intValue, the Double dblValue, or Coin Data coinValue

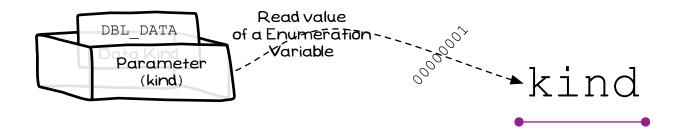
intValue 165

My Data (value)

<u>Conceptually</u>



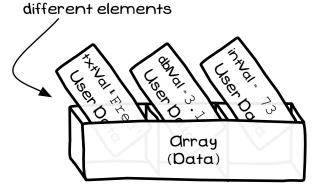


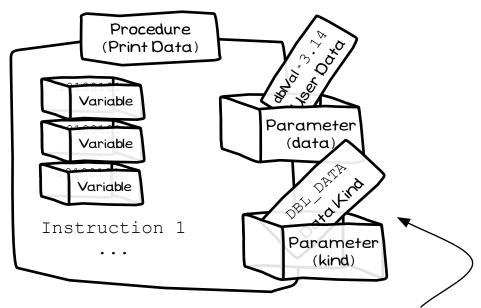


Values can be records like a Point record with X and Y coordinates

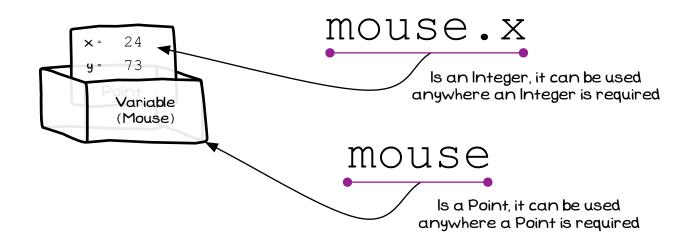
Variable (Mouse Pos)

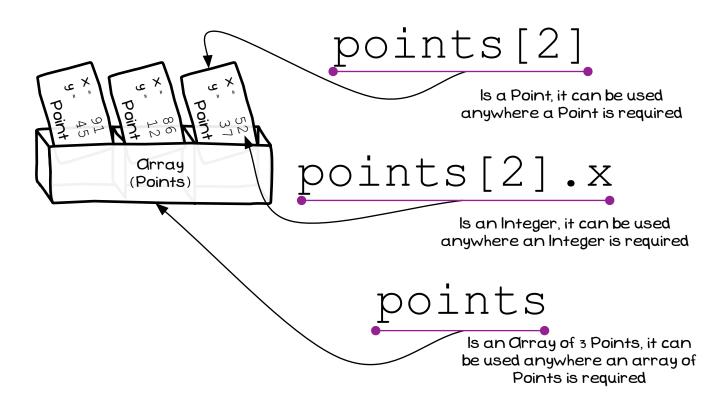
Elements of an array can be values of a union, allowing the one array to store integer, double, and text data in

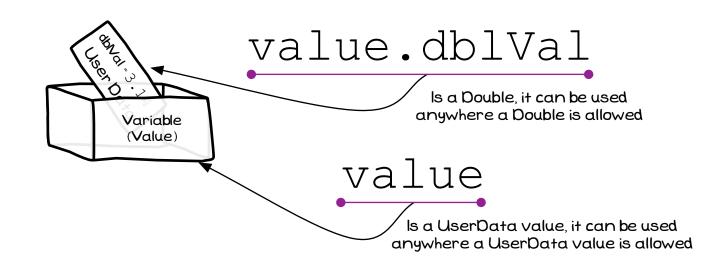


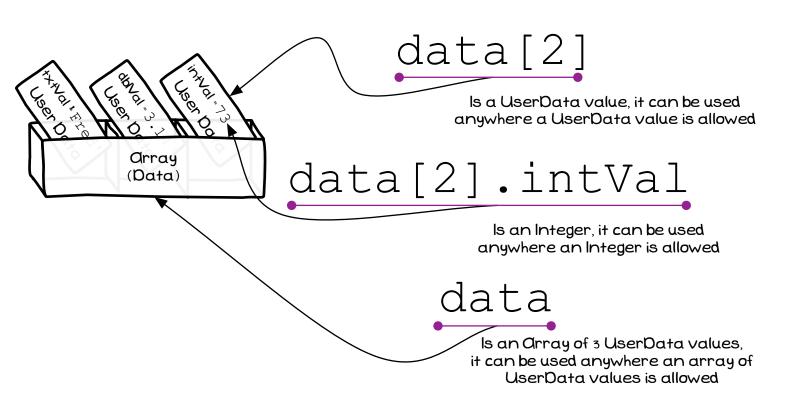


Parameters can accept enumerated values, in this case a value telling the Procedure the kind of data stored in the data parameter (which is a union)

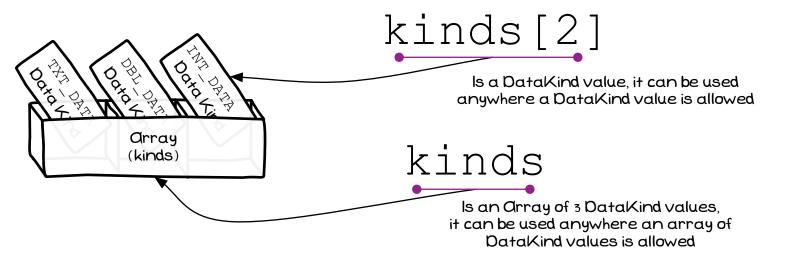


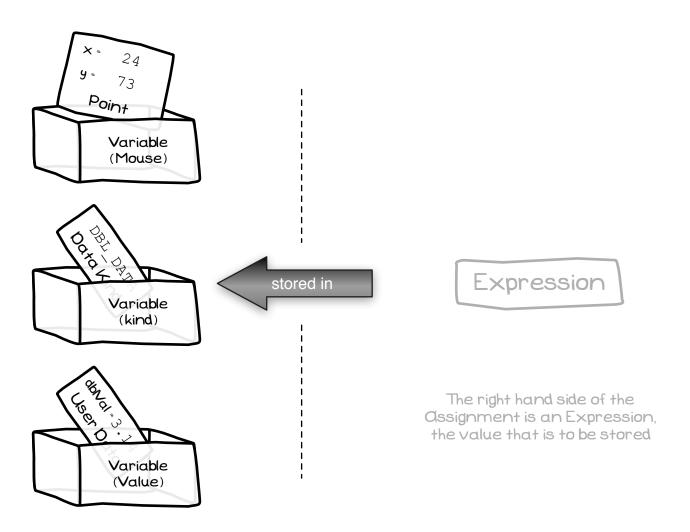


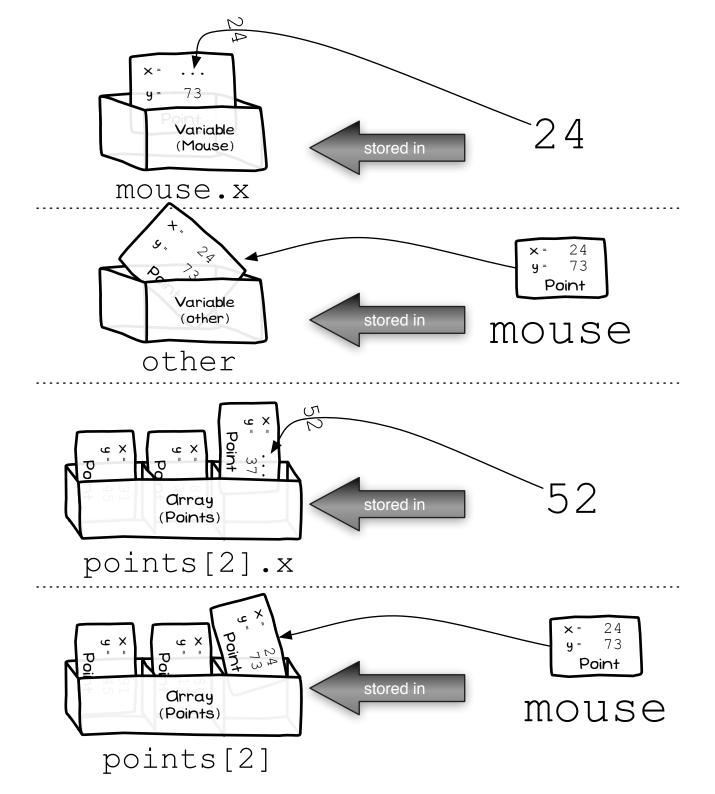


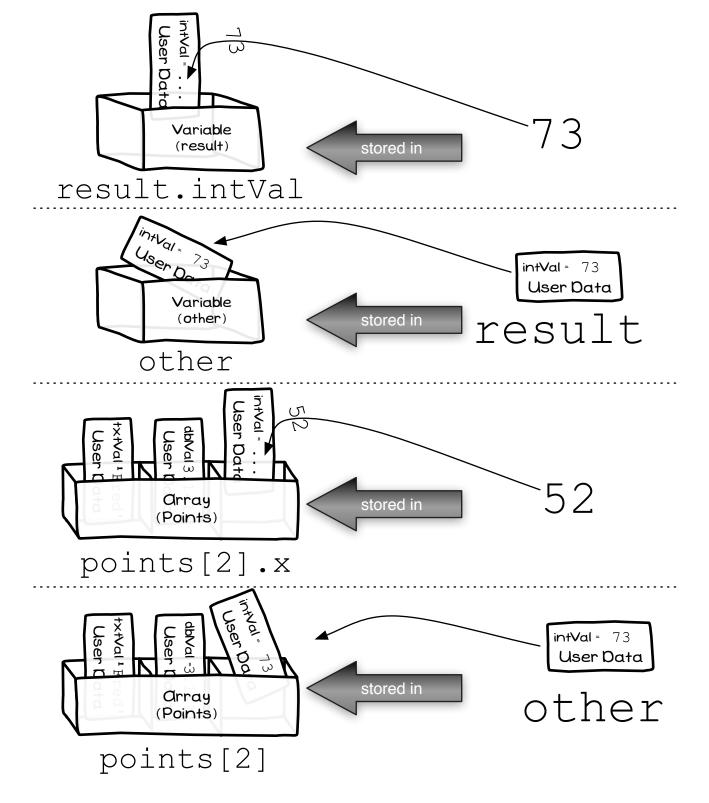


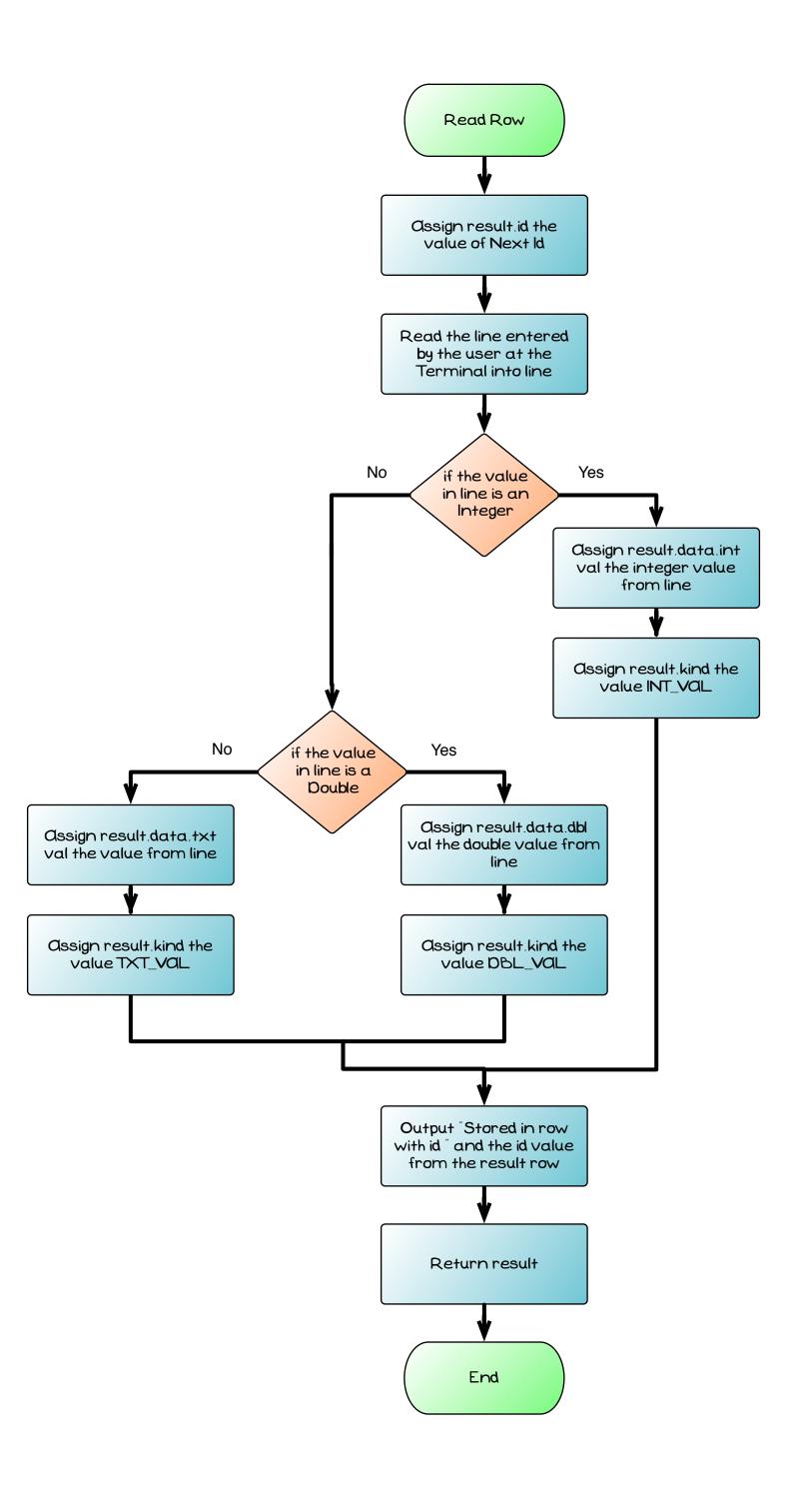


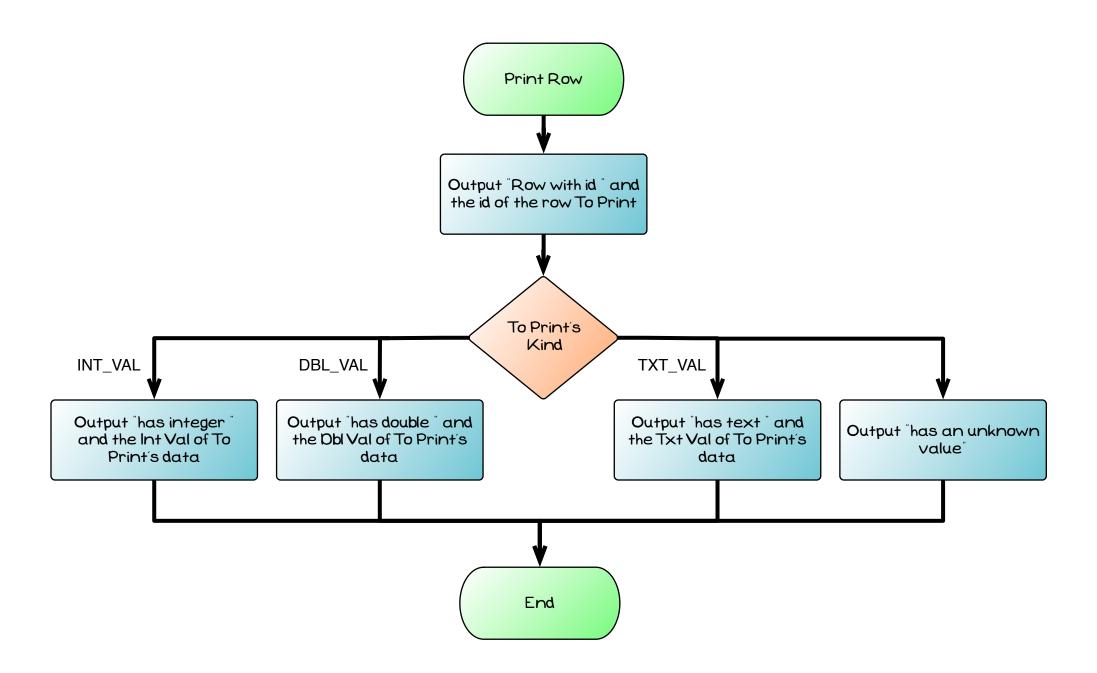


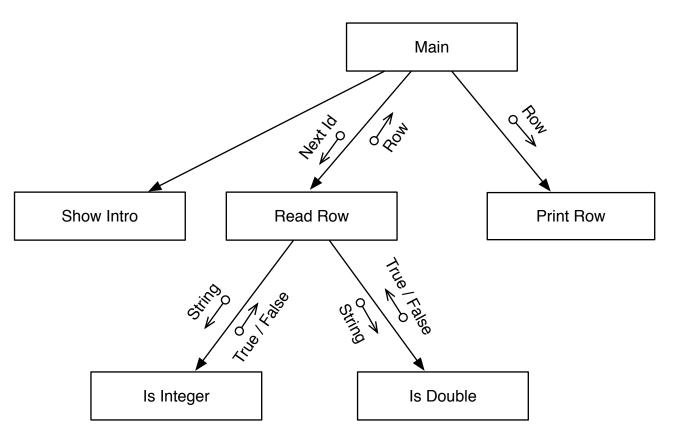


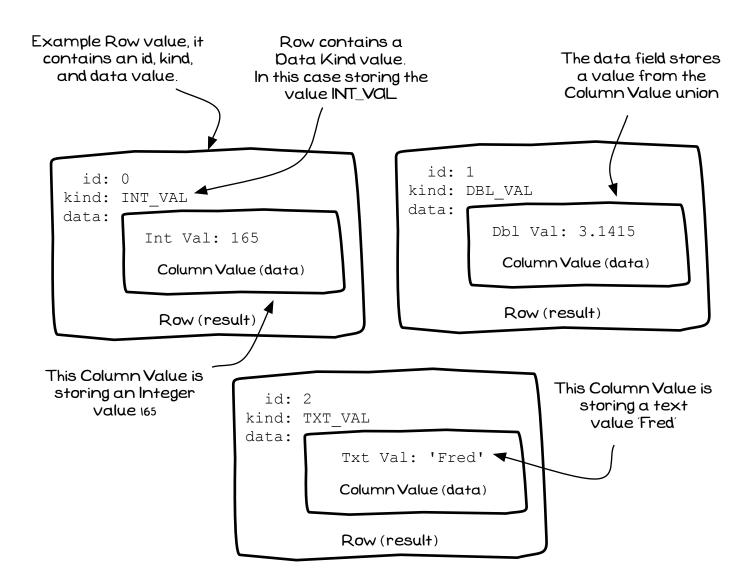


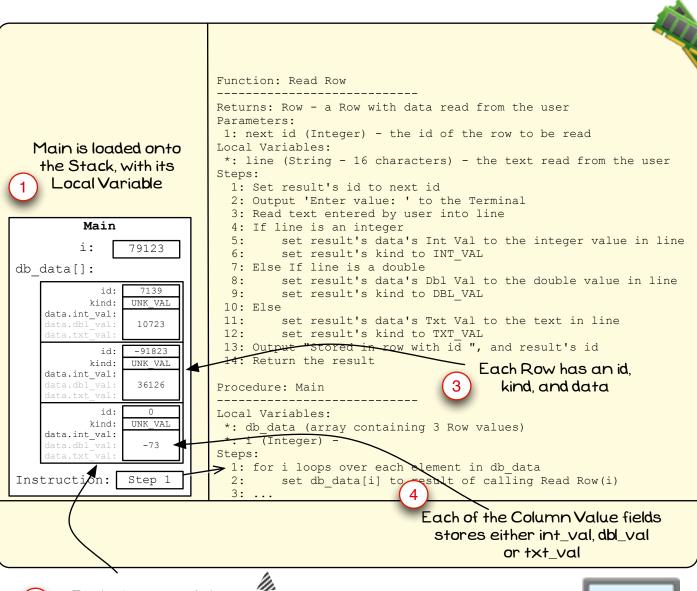














Each element of the db_data array is a Row







