

Importance of Identifiers OR Variables

=>We know that All types Literals are stored in main memory by having memory space. =>To Process values which are present in memory space , Programmers must give distinct names to cerated memory spaces. These distict names makes us to identify the vaklues present in memory space and hence they are called IDENTIFIERS. =>The IDENTIFIER Values are Changing/ Varying during Program Execution and hence IDENTIFIERS are also called VARIABLES. =>hence All types of LITERALS are stored in the form VARIABLES and all Variables are called OBJECTS.

Rules or Properties for Using Variables in Python Program

=>To use variables in the python program, we following 6 Rules

1. The variable name is a combination of Alphabets,Digits and a Special Symbol called Under Score (_).
2. The First Letter of The variable name must starts either with an Alphabet or with a special symbol Under Score (_) Examples: ----- 123=45---Invalid \$sal=5.6---invalid sal123=5.6--valid _123=56--valid _sal=45--valid _123_=56--valid _=45--valid
3. Within the variable name, No Special Symbols are allowed except Under Score (_) Examples: ----- sal_emp=4.5---- valid sal-emp=5.6---invalid sal_123=34--valid _sal_emp_=56--valid sal\$emp=67--invald sal emp=45---invalid
4. No Keywords to be used as Variables Names (bcoz key words are the Reserved Words and they have some special meanining to lang Compilers) Examples: if=34--invalid if_=34--valid if1=56--valid for=67--invalid else=67--invalid
5. All the Variables in Python are Case Sensitive. Examples: >>> age=99 >>> AGE=98 >>> aGe=97 >>> agE=96 >>> print(age,AGE,aGe,agE)-----99 98 97 96
6. All the Variables names must be User-Freindly and recommended to take more meaningful shot names for storing Values.