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lec 10

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Naming Rules of Variables

- Variable should have a meaningful name
- must start with either a letter or an underscore
eg:- name, age, _age,
id,
- Variable name can contain only alpha-numeric characters (A-Z, a-z, 0-9) and underscore, no other special symbol is allowed. space is also not allowed

eg:- roll-no, stud-id, s1-name,
s2-name, length1, length2

Invalid Variable Names \Leftarrow [roll#no, 1s-name, 2s-name, roll no]

- variable names are case sensitive / Python is case-sensitive
roll-no, Roll-no, Roll-No \Rightarrow these are 3 different variable names in python
- Variable names should not be reserved words
- name can not begin with a digit.

eg:- 2my-var, 123
Invalid

Multi-words variable names:-

* Camel case:- each word, except the first starts with a capital letter

eg:- myVariableName

* Pascal Case:- Each word starts with a capital letter
MyVariableName

* Snake Case:- Each word is separated by an underscore
my_variable_name

example:- var a = 1 → invalid

1 = a → invalid

var_a = 1 → valid