**Chapter\_2**

**Identifiers**

A name in python program is called **identifier**.

It can be class name or function name or variable name or module name.

**Rules to Define Indetifiers in Python**:-

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Note:- Python is **case sensitive**.

**1.**The only allowed charcter python are:-

-->alphabet symbols(either lower case or upper case)

-->digits(**0 to 9**)

-->only underscore sumbol(**\_**)

**2.**Indentifier should not start with digit.

---> 12total = 10----(wrong)

---> total12 = 10----(correct)

---> \_12 = 10----(correct)

**3.**Indentifires are case sesitive,of course python lang is case sensitive lang. so that indifiers also case sensitive

----> total = 10

---->TOTAL = 99

**4.**There are 2 types of nameing.

---> Camel casing

---> Snake casing

**Camel casing:-** ---every words starting char. is capital and here is no space and no (\_) is using

ex:-TheBankingProject , MobileApplicationTerm

**Snake casing:-** every words are small leter,and here is used(\_) symbol but no space are allowed.

**ex:-** \_the\_banking\_project , mobile\_application\_term

**Note:-**

1.Id identifiers start with \_ symbol then it is indicate smoethingelse.

x = 10 -----**normal varaibale**

\_x = 10 -----**protected variable**

\_\_x = 10-----**private variable**

\_\_\_x = 10----**magic variable**