**#Python;-**

Python is a high level language used to build logic for an application.Python is a interpreted language.Python is a case sensitive language.

**#Programming Language;-**

Collection of instructions where instructions are provided by us to machines

**#Translators;-**

Translators are used to convert from source code to byte code where translators are two types compiler and interpreter

->Compiler: compiles whole code at once

->Interpreter: compiles line by line

**#In python translators works as:-**

High Level Language—>compiler—->Byte code/Intermediate level —->Python Virtual Machine

**#Variables:-**

->Containers which is used to store a value

->Python uses initialization

Declaration: Giving name to variable

Assignment: Giving value to variable

Initialization:Both Declaration and Assignment

***Variable name=Value***

**#Naming Conventions:-**

Naming conventions are two types

→Snake Case

***Ex:sindhu\_sri\_gavini***

→Camel Case

***Ex:SindhuSriGavini***

**#Interning:-**

Interning is applied only for same values for different variables with a range between -5 to 256 and used for memory pooling

**Ex:** when a=10,b=10

print(id(a),id(b))

When the addresses are same then it is interning