

Python-

Variables Assignment

Questions

Assignment

Q1. Write all the conventions being followed while declaring a variable.

Ans. Firstly a variable name must be started from letter and underscore (_).example:- variable,var_iable,_var,etc. We are not star variables from numeric digits.

Q2. What will happen if we declare a restricted keyword as a variable?

Ans. We can not use keywords as a variable. Because keywords are pre define in python.Example:- list,str,is ,if ,etc.

Q3. Can we actually declare a string as a variable name?

Ans.Variables are symbols that you are store a value or data and String are data,so we can use them to fill up variable

Q4. Is it possible for us to declare “_” as a variable? If so, then write an example of it.

Ans.Yes, it is possible for us to declare “_” as a variable. Example;- _ = 12, a= 2 , print(_+a) ;

output is 13.

Q5. Using an example, explain how the variables in python are dynamic in nature.

Ans. Dynamic language : The language in which the data type is not compulsory and its optional called dynamic language.

Example:

```
>- a= 10
```

```
print(a)
```

output is 10 (python know datatype of variable value now it have integer type and output is also integer)

```
>- A = "Nikhil"
```

```
print(A)
```

Output : Nikhil (python know datatype of variable value now it have string type and output is also string)

Note: Create your assignment in Jupyter notebook and upload it to GitHub & share that github repository link through your dashboard. Make sure the repository is public.

Python Foundations