

Q 1. Write a command to get the Python version you are using.

1.1 Using IDLE shell

Open shell at top you will get the latest version you are using which is 3.10.6

1.2 using command prompt

```
C:\Users\Akash>py
```

```
C:\Users\Akash>py --version
```

```
C:\Users\Akash>python
```

Output :- Python 3.10.6

1.3 Using vs code editor

```
Import sys
```

```
Print(sys.version)
```

Output :- Python 3.10.6

Q 2. Write a python script to print **Hello Python** on the screen directly in the command line.

2.1 using command prompt

```
C:\Users\Akash>py
```

```
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64  
bit (AMD64)] on win32
```

```
Type "help", "copyright", "credits" or "license" for more information.
```

```
>>> print("hello python")
```

```
hello python
```

```
>>>exit()
```

2.2 using vs code editor

```
#printing hello python  
print("hello python") #using " " because we are using str type eg. "str type"
```

Q 3. Write a python script and store it in a file and execute the file from the command line.

Step 1:- created a python script using vs code to print the **hello python** and save the file as **hellopython.py** on desktop .

Step 2:- open the command prompt and change the path using **cd**

```
C:\Users\Akash>cd "C:\Users\Akash\Desktop"
```

Step 3:- Invoke python interpreter and simply type the file name

C:\Users\Akash\Desktop>py hellopython.py

hello python (actual output om Command prompt)

Q.4 Write a python script to print Hello Python on the screen using visual studio code.

```
#printing hello python
print("hello python") #using " " because we are using str type eg. "str type"
```

Output:-

hello python

Q.5 Write a python script to print Hello on the first line and Python on the second line

```
#printing hello and python on new line
print("hello\npython")
```

Output:-

hello

python

Q.6 Write a python script to print “MySirG” on the screen

```
#printing MySirG on the screen
print("MySirG")
```

Output:-

MySirG

Q.7 Write a python script to print “Teacher’s Day” on the screen

```
#printing Teacher's Day on the screen
print("Teacher's Day")
```

Output:-

Teacher’s Day

Q.8 Write a python script to print the value of a variable. Variable contains your name as data.

```
#printing variable name on the screen
name="Akash Jadhav"
print(name)
```

Output:-

Akash Jadhav

Q.9 Write a python script to create variables to store your name, age, qualification, years of experience and print it.

```
"""Write a python script to create variables to store your name, age,
qualification, years of experience and print it on the screen"""

name="Akash Jadhav"
age=26
qualification = "BE in electronics "
years_of_experience = "6 months as a service engineer in core electronics"
print(name)
print(age)
print(qualification)
print(years_of_experience)
```

Output :-

Akash Jadhav

26

BE in Electronics

6 months as a service engineer in core electronics

Q.10 Write a python script to print values of three variables, each in a new line. Variable contains integer values .

```
father_age=35
mother_age=30
son_age=5
print(father_age,mother_age,son_age,sep='\n')
```

Output :-

35

30

5