PYTHON PRACTICE #1

**Welcome to Python!**

* Go to this Python editor: ***Visual studio (VS Code)***
* Create a Python file name ***“yourFullName.py”***

At the end you must submit this file to the google classroom.

**CHALLENGE 1**

|  |  |
| --- | --- |
| Instruction | Write this code in the main.py  print(“PNC”)  Click on RUN |
| Result | It should print this: |

**CHALLENGE 2**

|  |  |
| --- | --- |
| Instruction | Print “**HELLO**” 5 times in the monitor |
| Result | It should print this: |

**CHALLENGE 3**

|  |  |
| --- | --- |
| Instruction | Create a variable named **age** and set its value to 20  Print the value of this variable  Question : what is difference between :  - print(age):print value of the variable named age to screen  - print(“age”): print text “age” to screen |
| Result | It should print this: |

**CHALLENGE 4**

|  |  |
| --- | --- |
| Instruction | * Create a variable named **value** and set its value to 0 * Increment **value** of 2 * Print value |
| Result | It should print this: |

**CHALLENGE 5**

|  |  |
| --- | --- |
| Instruction | Create a variable **age** that starts at value 19  Do the following step 6 times:   * Print age value * Increment age of 2     **Max number of instruction = 4** |
| Result | It should print this: |

**CHALLENGE 6**

|  |  |
| --- | --- |
| Instruction | Create a variable **age** that starts at value 1  As long as age is lower (strictly) than 10:   * print age * increment age of 1 |
| Result | It should print this: |

**CHALLENGE 7**

***How to print a text and a variable value together?***

The following code print the text “Start age” followed by the value of the age variable:

print(“Start age : ”, age)

*Warning: you need a comma ( , ) between “Start age” and age !!*

|  |  |
| --- | --- |
| Instruction | Create 2 variables   * age = 14 * size = 21   You shall write the value of those 2 variables with some text, as show on the result |
| Result | It should print this: |

**CHALLENGE 8**

***How to enter a value and store it into a variable ?***

The following code get the number **entered from keyboard** and store it into the variable myNumber

myNumber = int(input())

*note: you don’t need to know the meaning of int(input()) just know we are getting the number…*

|  |  |
| --- | --- |
| Instruction | Get the number entered from keyboard and store it into a variable **repetition**  For the number of repetitions entered by user, display “HELLO” on them monitor |
| Result | If user enters 4    If user enters 2 |

**CHALLENGE 9:**

|  |  |
| --- | --- |
| Instruction | Get the number entered from keyboard and store it into a variable **userChoice**   * If the userChoice is equal to 0, display “Good choice !” * Else display “Bad choice !” |
| Result | If user enters 0  Good choice !  If user enters 4  Bad choice ! |