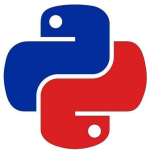


CHALLENGE 01 ⇒ Hello World!

You will create a program that prints "Hello World!"
You will use the print builtin-function to achieve this first task

The output of your program must be :

```
Hello World!
```

! NOTE : Your output must be EXACTLY the same ("Hello World" or "hello world!" are both incorrect output and you will FAIL the challenge if you have differences)

File Location (PATH) :	username/challenges/week01/
Filename :	c01_hello.py

CHALLENGE 02 ⇒ Ready to Work!

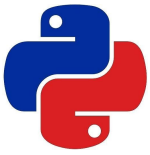
You will create a program that prints "Ready to work!"
You will use the print builtin-function to achieve this first task

The output of your program must be :

```
Ready to work!
```

! NOTE : Be careful that your output is the same!

File Location (PATH) :	username/challenges/week01/
Filename :	c02_ready.py



CHALLENGE 03 ⇒ Work complete!

You will create a program that prints "Work complete!"
You will use the print builtin-function to achieve this first task

The output of your program must be :

```
Work complete!
```

! WARNING : Your program must contains at least one comment using #
! NOTE : The text inside your comment can be anything you want !
! HINT : Make a quick search about : "Python comment"

File Location (PATH) :	username/challenges/week01/
Filename :	c03_comment.py

CHALLENGE 04 ⇒ Too Easy!

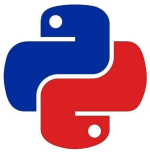
You will create a program that prints "Too Easy!"
You will use the print builtin-function to achieve this first task

The output of your program must be :

```
Too Easy!
```

! WARNING : Your file must contains one docstring at the beginning
! NOTE : The number of lines and the content of your docstring is up to you !
! HINT : Make a quick search about : "Python docstring"

File Location (PATH) :	username/challenges/week01/
Filename :	c04_docstring.py



CHALLENGE 05 ⇒ Progress Review!

You will create a Python program that contains **one docstring** and **at least three comments** (you will use # to create them and not triple quotes)

You program will then print the following text :

```
Hello World!
I know how to print,
I know how to create comments,
I know how to create docstrings,
Python is very easy, I am ready for the next challenges!
```

! WARNING : Your output must be EXACTLY the same, be careful !
! NOTE : The number of lines and the content of your docstring is up to you !
! NOTE : The content of your comments does not matter, but should not be empty !

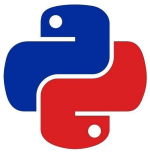
File Location (PATH) :	username/challenges/week01/
Filename :	c05_review.py

Congratulations, you have done the first 5 Python Bootcamp Challenges!
At this moment you should have already wrote 5 mini python scripts
Even if you feel that it's too easy, take few minutes to review them all

< The files are in the good folder >
< The filename and output are correct >
< Comments and/or Docstring are present if needed >
< The filename and output are both correct, yes again! >

Ask me questions at anytime using my email
sabbe.kev@gmail.com

Now that you are ready, let's continue with more interesting challenges!



CHALLENGE 06 ⇒ Input

You will create a Python program that asks the user to enter text.
Then your program will display the text entered.

You program must have the following output :

```
Type something: Hello World!
Hello World!
```

```
Type something: I love Python
I love Python
```

```
Type something:

```

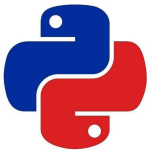
! WARNING : The yellow output represents the text entered by the user.
! WARNING : Don't forget the space between the input text and the user input.

! NOTE : IF the user type enters immediately without any character it should work.
⇒ You will print empty strings/line like in the third example above.

! HINT : Make a quick search about : "Python input"

! HINT : For this challenge you will first use input then you will use print.

File Location (PATH) :	username/challenges/week01/
Filename :	c06_input.py



CHALLENGE 07 ⇒ What is your name?

You will create a Python program that asks the user to enter text.
Then your program will display the text entered.

You program must have the following output :

```
Enter your name: Kevin
Nice to meet you Kevin!
```

```
Enter your name: Karen
Nice to meet you Karen!
```

```
Enter your name:
You must enter your name.
```

! WARNING : The yellow output represents the text entered by the user.

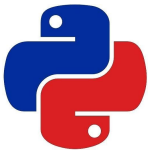
! NOTE : IF the user type enters immediately without any character it should work.

⇒ You will print "You must enter your name." like in the third example above.

! HINT : Make a quick search about : "Python condition / empty string"

! HINT : For this challenge you will first use input then you will use print.

File Location (PATH) :	username/challenges/week01/
Filename :	c07_name.py



CHALLENGE 08 ⇒ Access Granted.

You will create a Python program that asks the user to enter a username and then a password. IF the username and the password are correct you will print : "[Access Granted]" else the output will be : "[Access Denied]"

To be valid : the username must be admin and the password password168

You program must have the following output :

```
username: admin
password: password168
[Access Granted]
```

```
username: admin123
password: password168
[Access Denied]
```

```
username: admin
password: password
[Access Denied]
```

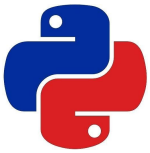
! WARNING : The yellow output represents the text entered by the user.

! NOTE : IF the username and/or password is empty you will print [Access Denied] but you will wait for both of the inputs to be entered by the user.

! HINT : Make a quick search about : "Python condition / string comparison"

! HINT : For this challenge you will first use two times input then you will use print.

File Location (PATH) :	username/challenges/week01/
Filename :	c08_login.py



CHALLENGE 09 ⇒ First and Last character.

You will create a Python program that asks the user to enter something.
Then you will print the FIRST and the LAST character of the sentence.

```
Enter something: Hello World!
[H][!]
```

```
Enter something: Python
[P][n]
```

```
Enter something:
[][]
```

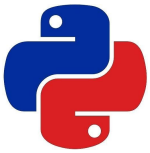
! WARNING : The yellow output represents the text entered by the user.

! NOTE : IF the user input is empty you will print [][]
! NOTE : IF the first and/or last character are spaces, you will print them: [ ]

! HINT : Make a quick search about : "Python string indexing / string position"

! HINT : For this challenge you will first use input and then you will use print.

File Location (PATH) :	username/challenges/week01/
Filename :	c09_char.py



CHALLENGE 10 ⇒ EVEN and ODD!

You will create a Python program that asks the user to enter a number.
Then the program will display : EVEN or ODD
IF the user_input is not a valid number, you will print: Bad input.

```
Enter a number: 222
EVEN
```

```
Enter a number: 121
ODD
```

```
Enter something: Hello
Bad input.
```

```
Enter something:
Bad input.
```

! HINT : Make a quick search about : "Python string to integer"
! HINT : Make a quick search about : "Python modulo"

File Location (PATH) :	username/challenges/week01/
Filename :	c10_even_odd.py

Congratulations, you have done the first 10 Python Bootcamp Challenges!
At this moment you should have already wrote 10 python scripts
Even if you feel that was easy, take few minutes to review them all

END OF [BASICS CHALLENGES WEEK 01 PART 01]