



SEDNOVE

Sncode/Extenso

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Cours #9

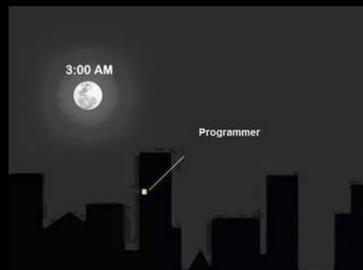
Course #9

- What we have seen in course #8
 - save a form in ajax
 - file operators
 - binary operators
 - compound operators
 - loop
 - callbacks
 - flush, get_output clear_output

Course #9

- What we will see in this course:
 - Exercices!!!!
 - How to write an algorithm....

Real programmers count from 0.



Q: Why do Java programmers have to wear glasses?

A: Because they don't C#.
(see sharp)

Courtesy: Arjan Einbu

UNIX is user friendly...

It's just very particular about who its friends are.

Courtesy: CodingBytes

If the box says:

"This software requires Windows XP or better"

Does that mean it'll run on Linux?



Courtesy: Adam Liss

The programmer got stuck in the shower because the instructions on the shampoo bottle said...

Lather, Rinse, Repeat.

Courtesy: Adam Liss

Exercise 1 course #9

- Write a widget that take in input:

diameter

- And return the Circumference with the formula:

$\pi \times \text{diameter}$

- The widget must validate the input parameter

Exercise 2 course #9

- Modify the last widget to accept an additional parameter:
 - inch or centimeter
 - `<input type="radio" name="metric" value="inch"> Inches`
 - `<input type="radio" name="metric" value="cm"> cm`
- Display the result in the inch or centimeter depending on this value
- Always display the value in centimeter. So if the value is in inch
 - Display the result in each
 - Display the result in centimeter
- If the value is in centimeter, display only the result in centimeter

Exercice #3 Course #9

- Write a widget that take to input:
 - firstname
 - lastname
- And the widget will display the firstname in reverse and lastname in reverse

Exercice #4 Course #9

- Modify the last widget to display the statistic of each letter in a table:

a: 10

c: 5

...

Exerice #5 course #9

- Write a widget that take 3 parameter:
 - p1
 - p2
 - p3
- When you submit the form, verify that each parameter has a value (is not empty) and display ok or display the parameter that are not ok.

Exercice #6 course #9

- Modify the last widget to use 10 parameters instead

Exercice #7 course #9

- Modify the last widget to use 100 parameters instead

Exercice #8 course #9

- In the widget where you display the distribution of the letter instead of a table output, display a bar chart
- You can use a library or not :
 - <https://www.chartjs.org/>
 - <https://www.highcharts.com/>
 - <https://www.anychart.com/blog/2017/10/25/javascript-bar-chart-tutorial/>