

UNIT 1 - 2 (CONTROL STRUCTURES) EXERCISES TO DELIVER

All exercises 1 point

UNIT1

1. Make a program in PHP that writes your name (in bold) and the city where you were born.
2. Make a program in PHP that writes the result of the sum of two variables ($x = -1$ and $y = 9$, for example).
3. Calculate the length of the circumference: $2 * \pi * r$. Put r as a variable
4. Given 2 numbers get their sum and the remainder of the division

UNIT2

5. Say whether a number n is greater than, equal to, or less than 50.
6. Given 2 numbers say if they are ordered
7. Do all three exercises but only deliver the last one: 7.3

7.1. Create a table of conversion from Euros to dollars:

Do with the current equivalence $1 \text{ €} = 1,07 \text{ dollar}$

Note: Last year the equivalence was 1,18, as you can see in the images

Euro dollar converter

1 € = 1.18 dollars
2 € = 2.36 dollars
3 € = 3.54 dollars
4 € = 4.72 dollars
5 € = 5.9 dollars
6 € = 7.08 dollars
7 € = 8.26 dollars
8 € = 9.44 dollars
9 € = 10.62 dollars
10 € = 11.8 dollars

7.2. Modify the previous page so that the items appear in a table with two columns, the first for the amount in euros and the second for the amount in dollars. Also place a row of headers at the top

Euro dollar converter

Euros	Dollars
1 €	\$1.18
2 €	\$2.36
3 €	\$3.54
4 €	\$4.72
5 €	\$5.9
6 €	\$7.08
7 €	\$8.26
8 €	\$9.44
9 €	\$10.62
10 €	\$11.8

7.3. Modify the table above as follows:

- Add a background color to the header (pink)
- Add a background color to the rows of the table, alternating between two different colors to improve readability (yellow and grey)

Euro dollar converter

Euros	Dollars
1 €	\$1.18
2 €	\$2.36
3 €	\$3.54
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6 €	\$7.08
7 €	\$8.26
8 €	\$9.44
9 €	\$10.62
10 €	\$11.8

8. Given a day of the week in number, say the day in letters: 1 is Monday and 7 is Sunday
9. Calculate the first 10 powers of 4
10. Calculate the sum: $1-2 + 3-4 + 5 \dots + / - n$