

Instructions:

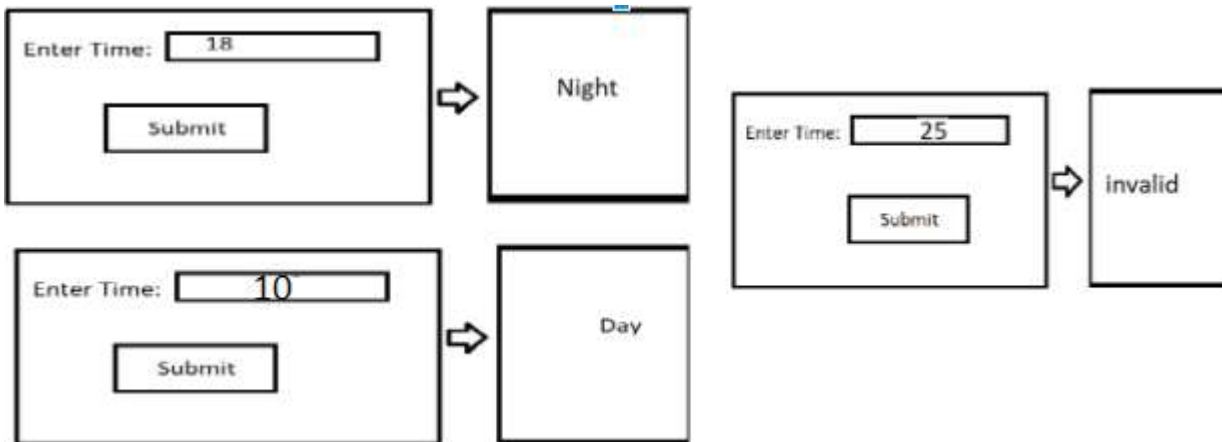
- ❖ Create a folder inside the htdocs named CODEWARS,
- ❖ Save all of your files inside the CODEWARS folder,
- ❖ Filename for every problem is given already. Please follow filenames.

EASY (3 pts each)

1. Create a php script that will accept input and determine whether it is “Day” or “Night”. Check the given data below:

1 to 17 = Day
18 to 24 = Night
Less than or equal to zero = Invalid
More than 24 = Invalid

Filename: **01-time.php / 01-time1.php** (if you will use 2 pages)



2. Create a PHP program that converts the input of the user in centimeters to inches. Display the result.
Note: 1 in = 2.54 cm

Filename: **02-cmToInches.php / 02-cmToInches1.php**

EXAMPLE

Enter measurement in centimeters

The equivalent inches is 3012.598425

← This will only display once the user will click the COMPUTE BUTTON

3. Create a PHP page that asks the user to enter the radius of the circle. Compute for the Area of the circle. The formula is: $\text{Area} = \pi * (r * r)$

Legends:


$\pi = 3.1416$

r – radius

Filename: **03-computeForArea.php** / **03-computeForArea1.php**

EXAMPLE

Enter radius of circle


The Area of the circle is 78.54  *This will only display once the user will click the COMPUTE BUTTON*

4. Create a PHP page that converts the time in seconds by the user into hours. Display the result. Note: 1 second = 0.000277777778 hours

Filename: **04-secondsToHours.php** / **04-secondsToHours1.php**

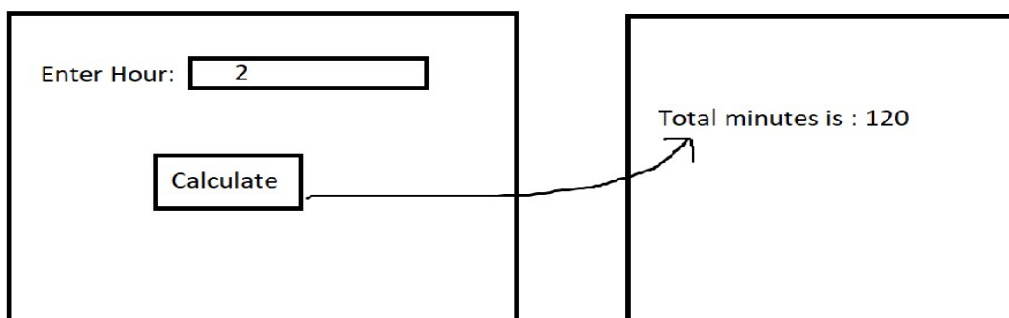
EXAMPLE

Enter time in seconds

The equivalent time in hours is 1.25  *This will only display once the user will click the COMPUTE BUTTON*

5. Create a PHP page that converts the time in seconds by the user into hours. Display the result. Note: 1 hour = 60 minutes

Filename: **05-HourstoMinutes.php** / **05-HourstoMinutes1.php** (if you will use 2 pages)



AVERAGE (5pts each):

6. Create a PHP script that ask the user to enter a number. You will then check whether the number is a multiple of 5 or NOT.

Filename: **06-multiple.php**

EXAMPLE

Enter a number

The value entered is multiple of 5

This will only display once the user will click the COMPUTE BUTTON

EXAMPLE

Enter a number

The value entered is NOT a multiple of 5

This will only display once the user will click the COMPUTE BUTTON

7. Create a PHP page that asks the user to enter the time in seconds and convert it into minutes, hours, days, and weeks. Display the result.

Filename: **07-convertTime.php / 07-convertTime1.php**

EXAMPLE

Enter time in seconds

The equivalent is:

Minutes: 173.33333

Hours: 2.8888889

Days: 0.12037037

Weeks: 0.017195767

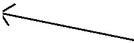
This will only display once the user will click the COMPUTE BUTTON

8. Create a PHP page that asks the user to enter a number. Display the multiplication table of the given integer. If the user will enter a negative number, display "INVALID INPUT".

Filename: **08-multiplication.php / 08-multiplication1.php**

EXAMPLE

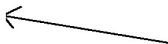
Enter a number

Multiplication Table:  *This will only display once the user will click the COMPUTE BUTTON*

5 x 0 =	0
5 x 1 =	5
5 x 2 =	10
5 x 3 =	15
5 x 4 =	20
5 x 5 =	25
5 x 6 =	30
5 x 7 =	35
5 x 8 =	40
5 x 9 =	45
5 x 10 =	50

EXAMPLE

Enter a number

INVALID INPUT  *This will only display once the user will click the COMPUTE BUTTON*

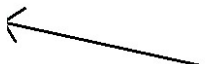
DIFFICULT (10pts each)

9. Create a page that asks the user to enter a number. Display all numbers that are multiple (can be divided) by 3 from 1 – N (wherein N is the value entered by the user).

Filename: **09-multiplesOf3.php / 09-multiplesOf3-1.php**

EXAMPLE

Enter a number

The multiples of 3 from 1-22 are:  *This will only display once the user will click the COMPUTE BUTTON*

3, 6, 9, 12, 15, 18, 21

10. Create a program that will accept the maximum number and accept the numbers in multiple input box. Then, display the list of all numbers in a reverse format. See the image below:

Filename: **10-reverse.php**

Enter the Maximum number :

5

Submit

Enter a number

2

Enter a number

4

Enter a number

7

Enter a number

1

Enter a number

5

Submit

The Numbers are : 5 1 7 4 2