1. Make a function to calculate N Factorial (recursive function ) 2
2. Write a function to check whether a number is prime or not. 1
3. Write a function to reverse a string. 3
4. Write a function to sort an array.5
5. Write a PHP function that checks whether a string is all lowercase. 6
6. Make a function to create encrypted text using Caesar Cipher. 7

(Straight Forward, complex);

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Key = 4

Apple = ETTPI

1. Make Decryption text function the same method you use it in question (6) 7
2. You have 3 parameters for hotel reservation system (gender, age, weight) 4
   1. You will make a main function to choose what the three function you will send the data to it. (gender, age).
   2. Male and adult the ticket price will be calculated to 70$ , and if his weight greater than 70 , every kilo will add 0.5$ to the ticket price.
   3. Female and Adult the ticket price will be calculated to 75$ , and if his weight greater than 50 , every kilo will add 0.5$ to the ticket price.
   4. If the guest is child the ticket price will be 20$.
3. File management system (you have multi file with students on different grades) 8

Every file contain std\_name, std\_class, std\_mark we want to classify the data according to this criteria:

* Delete duplicates
* Sorted according to marks
* Draw the result as a table on web page .
* If the mark the same try to sort it aphetically.

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