

# Back-End Diploma

## PHP

### Functions

- Write a PHP function to combine (using one array for keys and another for its values) the following two arrays
  - ('x', 'y', 'y'), (10, 20, 30)
- Write a PHP function to filter out some elements with certain key-names and put these elements in array then return the array from the function
  - Function take ( array , selected elements from the array )
- Write a function to calculate the factorial of a number (a non-negative integer). The function accepts the number as an argument
- Write a function to check whether a number is prime or not. Go to the editor
  - Note: A prime number (or a prime) is a natural number greater than 1 that has no positive divisors other than 1 and itself.
- Write a function to reverse a string
  - Input : “the best group”
- Write a function to sort an array
  - Do not use any built in function
- Write a PHP function that checks whether a string is all lowercase
- Write a PHP function that checks whether a passed string is a palindrome or not

- A palindrome is a word, phrase, or sequence that reads the same backward as forward, e.g., madam or nurses run.
- Write a PHP function that creates a chess board
- Create function to make a slug
  - Inputs : “new string here for slug”
  - Output : “new-string-here-for-slug”