

1. Write program in PHP and Html which ask user to enter the Amount, rate and Duration in years and calculate and display Simple the simple interest.
2. Write a PP and HTML script which ask user to enter his first name and last name and display it. The program must get the values by using \$\_GET, \$POST and \$\_REQUEST. Check if you set method = Get/post and retrieve the variable using \$\_POST/\$\_GET.
3. Write a PHP script which ask user to provide min and max radius value. The scriprt will display area of a circle of radius wise. The format should be as follow:  
The area of circle for radius 1 is 3.14 sq meter. [ Min value = 1]
4. Write a PHP/HTML script which ask user to enter StudentID, Name, and marks of the 3 subjects. The script will display the total marks, percentage and grade. The guideline to determine Grade is  
Grade A if percentage >70  
Grade B if percentage >65  
Grade C if percentage >60  
Grade D if percentage >55  
Grade E if percentage >50  
Grade F if percentage < 50.  
Write the same script by using if –else ladder and switch case.  
Make validations that the marks are must be positive integer numbers only.  
StudentID and student Name must be entered.
5. Write a PHP script which will write students information in a binary(textfile) name studinfo.txt and display acknowledgement.
6. Write a PHP script which will read the students information from the file studinfo.txt and display records.
7. Write a PHP script which will display the filesize studinfo.txt and display records. Also provide functionality of record navigation by using fseek, ftell and seek in built functions.
8. Create a PHP/HTML script which allows user to choose his/her hobbies by checking the checkboxes and display the user's hobbies.
9. Create an array of your favorite Punjabi food. Write PHP script to display only even number position Punjabi food.
10. Create an array of Milk Types and its price.
  - i. Display all the types and price.
  - ii. Sort the array by price and display.
  - iii. Sort the array by milk type and display
11. Create a 2-D array which stores the distance between Source and Destination of five cities in KM. Allows user to chose source and Destination from Drop Down list. The script should display correct distance between the two cities.
12. Create a 2-D array which stores card types ('C','H','D','S') and rank (2,3,4,5,6,7,8,9,10, J, Q,K,A). Each type has 13 ranks. Display total cards by their type and rank in ascending and descending order. Then shuffle it and display the cards.
13. Load the student's details from studinfo.txt to an array and display all students information in tabular format.
14. Create an array and apply following functions and display the results:
  - i. each ii. Current iii. Reset iv. End v. pos vi. Prev vii. array\_walk viii. Count ix. Sizeof x. array\_count\_values xi. Extract
15. Write a simple php script which evalutes following string functions and display the output:
  - i. ltrim ii. Rtrim iii. Trim iv. Str\_pad v. Lcfirst vi. Ucfirsr vii. Ucfirsr viii. ucfirst ix. Strtolower x. Strtoupper xi. Strrev xii. Str\_shuffle xiii. Str\_repeat xiv. Explode xv. Implode xvi. Strcmp xvii. Strcasecmp xviii. Strcasecmp xix. Strnatcmp xx. Strnatcasecmp xxi. Strlen xxii. Strstr xxiii. Strchr xxiv. Strrchr xxv. Stristr xxvi. Strpos xxvii. Strrpos xxviii. Str\_replace xxix. Subbstr\_replace
16. Write a php script which ask user to enter username and password. Validate the username by that
  - a. username only includes alphanumeric characters only.

- b. Username must begin with character only

The password

- a. Must contain at least one punctuation mark.
- b. Must contain at least one digit

Prepared by Dr. Hiren Joshi DCS GU