**PHP Tutorial**

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1. Write a program to display “Hello World”.
2. Write a program to display your personal details.
3. Write a program to display assigned variable values.
4. Write a program to add two values and print the final result.
5. Write a script to take summation of 1 to 100.
6. Write a program to display current date and time.
7. Write a program to take average marks of three subjects and display grade according to the following criteria. Use if…else….

**A+ >=90**

**A >=85**

**B+ >=75**

**B >=65**

**C+ >=65**

**C >=55**

**D >=45**

**F < 45**

1. Write a program to take average marks of three subjects and display grade according to the following criteria. Use Switch Case

**A+ >=90**

**A >=85**

**B+ >=75**

**B >=65**

**C+ >=65**

**C >=55**

**D >=45**

**F < 45**

1. Write a program to show discount according to number of books.(Number of books =15)

*10<=books<=20 Discount-15%*

*20<books<=30 Discount-20%*

*books>30 Discount-30%*

1. Write PHP code for finding the number of days in a month
2. Write a program to keep student names of ten students. Display the student names. (Hint: Use Arrays)
3. Write a program to keep student name, mark1, mark2, mark3 of five students. (Hint: Use Multidimensional Arrays )
4. Write a program to keep five students marks of a subject. Display sorted student’s marks ( Rank the students).
5. Modify above program to show total and average marks of each student.
6. Write a program to display prime numbers from 1 to 100.
7. Write a program to display factorial of a given number.
8. Modify above program using function
9. Write a php function to add to input values.
10. Write a function for +,-,\* and / of two numbers and return values.
11. Write separate functions for +,-,\* and / of two numbers and return values.
12. Write a program to check user name and password correct or not. Give message successfully login or unauthorized access. Use your own user name and password

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1. Write a program to calculated total marks of three subject marks entered by user
2. Write a program to compare (=,<,>,=>,<=) the two numbers entered and display it in a table.
3. Write a program to calculate area and circumference of circle when radius entered by user. Define constant variable for pie (π) value.
4. Write a program to display factorial of any given number entered by user.
5. Write a program to display series of numbers when start, end and step is entered by user.
6. Write a program to multiply two numbers considering following interface.



1. Modify above program to make a simple calculator.
2. Write a program to keep five students marks of subject. (Hint : Associative array)
3. Write a program to keep three student details (Name, NIC , Age, Address) and display it. (Hint : use multidimensional array)
4. Write a program to display entered details of following interface.

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1. Write a program to save each student marks in separate text files. File name should be his or her registration number.( ex IT12001, DM12010 etc)
2. Write a program to show the number of visitors access your site.
3. Write a program to validate email address.(Hint use preg\_match() function)
4. Write a program to guess random generation number (between 1- to 10). If random generated number and guessed number are equaled, game will be won.
5. Create html page that lets user to enter following information.
* User Name
* Password

**Note:**

* Name the html file as login.htm
* Post above entered information to a PHP page called validate.php

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Write down the code for validate.php that performs following operations.

* Collect the posted information to two session variables.
* You can use user, pass as session names
* Display those session values.

NOTE:

Valid user name: student

Valid password:student321

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HINT: you can use following syntax to assign values to sessions.

**$\_SESSION[‘user]="student"; //To assign**

**print $\_SESSION[' user]; // To Display**

Modify above validate.php as it contains hyperlink to another php file called member.php.

With member.php, display a message as following.

Hello <student ID> ….Now you are in members page…

Modify the member.php as all created sessions are deleted at the end of php page. After deleting, give a hyperlink to another php page called checkSession.php.

In check session.php, check whether the session ‘studID’ using above syntax. If it is not set, display the message “ you are unauthorized user….”.

1. Write a program to enter username and password. Username and password should check with the database and give message as “You are successfully login” otherwise “you are not valid user” (Login page).In successfully login cookie will be creating for username. There is another link (hyperlink from login page) for access the personal details page. It can be accessed only cookie is set. According to that user name his/ her personal data will display by accessing database. (Hint: create suitable databases and table)
2. Modify above program for sign in sign out procedure. ( if you click sign in link , show login form. If you click sign out cookie will destroy then can’t display personal details)
3. Write a program to upload files to server. Uploaded files should be displayed as a link to download.
4. Modify above program to restrict download facility to login users only.