

1. PHP IF Statement

- a. Write the following script in a text editor and understand the usage of conditional logic –IF

```
<?php
    $user_name ="cspart3";

    if ($user_name == "cspart3")
    {
        //Code to Let user
        echo "login successful";
    }
?>
```

- b. Modify your script to display the following message for other users “you are unauthorized person”
- c. Declare a variable that hold the marks which is 67. Create a program that will check the marks, if mark is greater than 50 Display “Pass”, else display “Fail”. Further modify the program to display if mark is greater than or equal to 75 Display “Grade: A”. If mark is greater than or equal to 65 Display “Grade: B”. If mark is greater than or equal to 55 Display “Grade: C”. If mark is greater than or equal to 35 Display “Grade: S”. Otherwise print “Grade: F”.
- d. Write a simple php script to calculate salary of a person whether number of working hours and amount for an hour is given(salary = number of working hours * amount for an hour). Modify your script to deduct 5% from the salary if the salary is more than 15,000/= and display the new salary
- e. Calculate total value by reducing discount from bill value according to the conditions given below. Write PHP script to calculate bill value.

Bill Value	Discount
>=5000	20%
<5000	5%

2. PHP Switch Statement

- a. Practice the following example and Modify for other operators (subtraction, multiplication and division)

```

<?php
    $op = "+";
    switch ($op) {
        case "+":
            $result=5+5;
            break;
        default:
            $result= "Operator is not in the group (+,-,*,/)";
    }

    echo $result;

?>

```

- b. Prices of few food items are given below.

Vegetable bun	-75
Fish bun	-85
Hamburg	-100

Using switch statement display user, how much should he/she pay for the item, Test this with assigning above three food items

- c. Use PHP nested switch statement to display price of a Food name with category.

Ex:

“price for **vegetable rice** is **300**” or “price for **fish bun** is **80**” or

Use the following table for the food prices

Food Name	Catagory	Price
Rice	chicken	500
	vegetable	300
Bun	egg	150
	fish	80

3. PHP For Loop.....

- a. Practice the following example

```

<?php
for($n=1;$n<=10;$n++){
    echo "$n<br/>";
}

?>

```

- b. Declare a variable called \$start with starting value of 10. Create a program that will count down to 0 from the given number in \$start. For each number, print the number and then print (“is even”) if it is even and (“is odd”) if it is odd number.
- c. Using for loop display price and quantity as in below table. Consider price of a pen drive as Rs.1000.00

Quantity

Price(Rs)

10	10000
20	20000
30	30000
40	40000
50	50000

- d. Consider Tom's average salary as Rs.40000 .He has to use Rs. 20000 for living cost. Tom has following extra expenses according to the month. Calculate the remaining balance for tom to save in each month.

Month	Expenses
January	2000
February	3500
March	4000
April	5000
May	1000
June	50

Ex:

Month	Remaining Balance
January	18000
...
....

4. While..... Do while

- a. Write the following php statements in a text editor and execute using a web browser.

```
<?php
```

```
$i = 1;
```

```
while($i <= 3){
```

```
echo "Using while loop the number is " . $i . "<br>";
```

```
$i++;
```

```
}
```

```
?>
```

```
<?php
```

```
$i = 1;
```

```

do{

echo "Using do while loop the number is " . $i . "<br>";

$i++;

}

while($i <= 3);

?>

```

- b. Chang the \$i variable value to a number more than 3 and execute the script again.
- c. Write a program to print even numbers from 25 to 65. Display the sum of those values
- d. Find the Factorial value of a given number by using a “while –do ” loop.

5. Contiunue Break

- a. Write the following php statements in a text editor and execute using a web browser

```

<?php
for ($i =1; $i<=3; $i++) {
    for ($j=1; $j<=3; $j++) {

        echo $i.$j;
        echo "<br>";
    }
}

?>

```

- b. Write the following php statements in a text editor and execute using a web browser.

```

<?php
for ($i =1; $i<=3; $i++) {
    for ($j=1; $j<=3; $j++) {
        if (!($i == $j) ) {
            continue;
        }
        echo $i.$j;
        echo "<br>";
    }
}

?>

```

- c. Change the **continue** to **break** and run the script again
- d. Write a php script to display numbers from 1 to 10 by skipping number 9.

6. Ternary operator

- a. Write the following php statements in a text editor and execute using a web browser

```
<?php
```

```
$a = 40;
```

```
$b = $a > 45 ? 20 : 5;
```

```
echo "The value of b is $b";
```

```
?>
```