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**Experiment List for MS 227 Web Development Using Open Source**  
**( M.Sc. IT –II )**  
**(Academic Year 2023-24)**

**Experiment List – I**

- (1) WAP to print the pattern of your name at centre of screen using single echo statement.
- (2) WAP to print the pattern of your name at centre of screen using multiple echo statements.
- (3) WAP which initializes 2 numbers and prints its addition, subtraction, multiplication, division and modulus values.
- (4) WAP to calculate area and circumference of a circle.
- (5) WAP to calculate area and perimeter of a triangle.
- (6) WAP to calculate area and perimeter of a rectangle.
- (7) WAP which converts the temperature from Fahrenheit to Celsius. (Hint:  $C = (F - 32) / 1.8$ )
- (8) WAP to calculate the simple interest and compound interest.
- (9) WAP to initialize the following values and calculates its gross salary.  
Quantity, Price, Commission rate, Bonus rate, Base salary.  
(Hint: Commission = Quantity \* Price \* Commission rate  
Bonus = Commission \* Bonus rate  
Gross salary = Commission + Bonus + Base salary)
- (10) If the price of an item is in decimal form e.g. 12.50 then separate rupees and paisa from the given value. i.e. output of your program will be 12 rupees and 50 paisa.
- (11) WAP to swap the values of 2 variables without using any extra variable. i.e. if user enters a=10 and b=20 then output of your program will be a=20 and b=10.
- (12) WAP to swap the values of 3 variables without using any extra variable. i.e. if user enters a=10, b=20 and c=30 then output of your program will be a=20, b=30 and c=10.
- (13) WAP to convert the paisa into rupees and paisa.
- (14) WAP to convert the seconds into hours, minutes and seconds.
- (15) WAP to convert the days into years, months and days.