

## Assignment-II

1. WAP to compute the gross salary of an employee whose details are given below:  
Basic pay: Rs.50, 000, dearness allowance: 50% of Basic pay, house rent allowance: 20% of Basic pay, vehicle allowance: 10% of the Basic pay.
2. The price of one pen is Rs.10, one pencil is Rs. 5, and one sharpener is Rs. 2. You purchased 2 pens, 3 pencils and 1 sharpener. Compute the total price as per the following format.

\*\*\*\*\* LIST OF ITEMS \*\*\*\*\*

Item	Price (Rs.)	Total (Rs.)
Pen	10	20
Pencil	5	15
Sharpener	2	2
Grand Total (Rs.)	17	37

3. WAP which will print the '\$' symbol in the following format. (Hint: No need to use any loops)  
\$  
\$ \$  
\$ \$ \$  
\$ \$ \$  
\$ \$ \$
4. WAP which will accept two floating point numbers, assign their sum to an integer variable and then output the values of all three variables.
5. WAP to swap two numbers using and without using a third variable.
6. Extend the above program for three variables *a*, *b*, and *c* such that *a* holds the value of *c*, *b* holds the value of *a*, and *c* holds the value of *b* using and without using a third variable.
7. WAP which will accept a three digits integer number and display the sum and product of all the digits of that number. (Hint: Use / and % operators)
8. WAP to find the size of various primitive data types used in C such as *int*, *float*, *double* and *char*.