Practice Set-5: Operators

1. Write an application program in 'C' language to accept two numbers from keyboard and display the sum, product and average of the given numbers in the following sequence and format: -

Given numbers	**::**	**<num1>, <num2>**
Sum	**::**	**<num1+num2>**
Product	**::**	**<num1*num2>**
Average	**::**	**<(num1+num2)/2>**

2. Write an application program in 'C' language to accept student registration number and marks obtained in physics, chemistry, and math papers. Each paper is of maximum 100 marks. Calculate and display the result in the following sequence and format: -

   ```
   =========================================
   Registration No.        ::      <regno>
   =========================================
   Marks Obtained in PHY   ::      <phy>
   Marks Obtained in CHE   ::      <che>
   Marks Obtained in MATH  ::      <math>
   =========================================
   Total Marks Obtained    ::      <total>
   =========================================
   Aggregate               ::      <agg>%
   =========================================
   ```

3. Write an application program in 'C' language to accept item code, unit price and quantity taken. Calculate and print the bill in the following sequence and format, as 20% discount available on all items.

   ```
   =========================================
   Item Code               ::      <icode>
   =========================================
   Unit Price in Rs.       ::      <uprice>
   Quantity Taken          ::      <qty>
   =========================================
   Total Amount in         ::      <total>
   Discount Amount         ::      <dis>
   =========================================
   Net Payable Amount      ::      <net>
   ```