D B M S   L A B O R A T O R Y

Assignment No. – 1

Problem Statement:

A company has four regions, *viz.* Region 1, 2, 3 and 4. Each region has six different salesmen. There are eight products in total which are sold by these salesmen. Each product is sold at a specific unit price. The company wishes to generate a monthly sales report in the format given below.

ABC Company

Region 1
Salesman 1 Rs. 2300/-
Salesman 2 Rs. 5000/-
. .
. .
. .
Salesman 6 Rs. 6000/-
Total sale at Region 1 Rs 20,000/-

Region 2
Salesman 1 Rs. 5500/-
Salesman 2 Rs. 7000/-
. .
. .
. .
Salesman 6 Rs. 8550/-
Total sale at Region 2 Rs 30,000/-
....
....
....
Region 4
Salesman 1 Rs. 500/-
Salesman 2 Rs. 7560/-
. .
. .
. .
Salesman 6 Rs. 700/-
Total sale at Region 6 Rs 9,560/-

Students are to write C / C++ program that will read sales details from an input file (containing four fields – **Region No., Salesman No., product code** of the product sold by the salesman and how many **unit of product sold** by the salesman) and generate a output file as per the above instructions and format. (Students are to use an intermediate 2-D array to store the product number and their unit price.)