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 6

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.)