# ASSIGNMENT-1
## DATABASE MANAGEMENT SYSTEM

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G suite-
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## 1.Ans-
## first.c-

```c
#include<stdio.h>
#include<string.h>
int main()
{
    FILE *file;
    FILE *file1;
     char x1,x2,x3,x4,x0;
   int store[4][6] =
{{0,0,0,0,0,0},{0,0,0,0,0,0},{0,0,0,0,0,0},{0,0,0,0,0,0}};
   int total_price[6]={0,0,0,0};
    int no_of_products=8;
    int arr[no_of_products][2];
    for(int i=0;i<no_of_products;i++)
{
  for(int j=0;j<2;j++)
{
  arr[i][j]=0;
}
}
    for(int i=1;i<=no_of_products;i++)
    {
      int unit_price;
      printf("dear user enter the unit price corresponing to %d th
product: ",i);
      scanf("%d",&unit_price);
      arr[i-1][0]=i;
      arr[i-1][1]=unit_price;
    }
   file=fopen("sales.txt","r");
if(file==NULL){
printf("This file is not opened");
return 0;
}
int i=7;
do{
    x1=fgetc(file);
    x0=fgetc(file);
    x2=fgetc(file);
    x0=fgetc(file);
```

```c
    x3=fgetc(file);
    x0=fgetc(file);
    x4=fgetc(file);
    x0=fgetc(file);
int x5=x1-'0';
int x6=x2-'0';
int x7=x3-'0';
int x8=x4-'0';
 store[x5-1][x6-1]+=x8*arr[x7-1][1];
 total_price[x5-1]+=x8*arr[x7-1][1];
 }while(i--);
 file1=fopen("output.txt","w");
 if(file1==NULL)
 {
printf("file not opened");
 return 0;
 }
 else
 {
  for(int i=0;i<4;i++)
  {
  fprintf(file1,"Region %d\n",(i+1));

    for(int j=0;j<6;j++)
    {
      fprintf(file1,"The salesman %d
Rs%d/\n",(j+1),store[i][j]);
    }
    fprintf(file1,"Total sale at Region %d        is%d
\n",(i+1),total_price[i]);
   }
 }
return 0;
}
```

Sales.txt-

1 2 3 4

2 6 8 3

3 4 7 3

4 6 8 5

4 4 7 5

3 6 1 2

4 1 2 7

1 3 2 7

Output.txt-

Region 1

The salesman 1        Rs0/

The salesman 2        Rs8/

The salesman 3        Rs28/

The salesman 4        Rs0/

The salesman 5        Rs0/

The salesman 6        Rs0/

Total sale at Region 1        is36

Region 2

The salesman 1        Rs0/

The salesman 2        Rs0/

The salesman 3        Rs0/

The salesman 4        Rs0/

The salesman 5        Rs0/

The salesman 6        Rs9/

Total sale at Region 2        is9

Region 3

The salesman 1        Rs0/

The salesman 2        Rs0/

The salesman 3        Rs0/

The salesman 4        Rs27/

The salesman 5        Rs0/

The salesman 6        Rs2/

Total sale at Region 3        is29

Region 4

The salesman 1        Rs28/

The salesman 2        Rs0/

The salesman 3        Rs0/

The salesman 4        Rs45/

The salesman 5        Rs0/

The salesman 6        Rs15/

Total sale at Region 4        is88