# Q.1.1

**Double AgentsEstate [ 2 ][ 3 ] ;**

**String Row[ ] = {“Joe Bloggs” , ” Jane Doe” } ;**

|  |  |  |  |
| --- | --- | --- | --- |
| **Estate Agents** | **JAN** | **FEB** | **MAR** |
| **Joe Bloggs** | **800 000** | **1 500 000** | **2 000 000** |
| **Jane Doe** | **700 000** | **1 200 000** | **1 600 000** |

**String Col[ ] = {“JAN” , “FEB” , “MAR”};**

[0] [1] [2]

|  |  |  |
| --- | --- | --- |
| **800 000** | **1 500 000** | **2 000 000** |
| **700 000** | **1 200 000** | **1 600 000** |

[0]

[1]

Joe = [0][0] , [0][1] , [0][2] ;

Jane = [1][0] , [1][1] , [1][2] ;

String **output = “\t”;**

For (int col = 0; col < **Col**.lenght() ; col++ ) {

**output += +”\t”+Col[** col**]**;

}

Sout (**output**);

For (int row = 0; row <AgentsEstate.lenght() ; row++ ) {

String **output** = **Row[** row**]**;

For (int col = 0; col <AgentsEstate[row].lenght() ; col ++){

**output** + = “\t R”+ [row][col];

}

Sout (**output**);

}

# Q.1.2

For (int row = 0; row <AgentsEstate.lenght() ; row++ ) {

Double **totalSales** = 0;

For (int col = 0; col <AgentsEstate[row].lenght() ; col ++){

**totalSales** + = [row][col];

}

Sout(“Total sales for ”+ **Row[** row**]** +” = R”+ **totalSales** );

}

# Q.1.3

For (int row = 0; row <AgentsEstate.lenght() ; row++ ) {

Double commission =0;

Double **totalSales** = 0;

For (int col = 0; col <AgentsEstate[row].lenght() ; col ++){

**totalSales** + = [row][col];

}

commission = **totalSales** \* 0,02;

Sout(“sales commission for ”+ **Row[** row**]** +” = R”+commission);

}