Logic Building Assignment : 46

1. Write a program which accept matrix from user and return addition of diagonal elements.

Input :

3	2	5	9
4	3	2	2
8	4	1	5
3	9	7	5

Output : 12

```
int AddDiagonal(int Arr[][], int iRow, int iCol)
{
        //Logic
}
```

2. Write a program which accept matrix and one number from user and return frequency of that number.

Input :

Number : 9

3	2	5	9
4	3	2	2
8	4	1	9
3	9	7	5

Output : 9

```
int AddDiagonal(int Arr[][], int iRow, int iCol, int iNo)
{
        //Logic
}
```

3. Write a program which accept matrix and return largest number from both the diagonals

Input :

3	2	5	9
4	3	2	2
8	4	1	9
3	9	7	5

Output : 9

```
int MaxDiagonal(int Arr[][], int iRow, int iCol)

{

	//Logic

}
```

4. Write a program which accept matrix and display addition of elements From each column.

Input :

3	2	5	9
4	3	2	2
8	4	1	9
3	9	7	5

Output : 18 18 15 25

```
int AddColumn(int Arr[][], int iRow, int iCol)

{

	//Logic

}
```

5. Write a program which accept matrix and swap the contents of consecutive rows.

Input :

3	2	5	9
4	3	2	2
8	4	1	9
3	9	7	5

Output :

4	3	2	2
3	2	5	9
3	9	7	5
8	4	1	9

```
void SwapRows(int Arr[][], int iRow, int iCol)
{
        //Logic
}
```