OR

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B.H. Rashmi

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Female Male Other

Siddapur, Karnataka, India

Student Professional Other

Alvas Institute of Engineering a

2020

C(gcc 6.3)

Send me newsletter & contest invitations.

I abide by CodeChef's Code Of Conduct.

Register

P

T

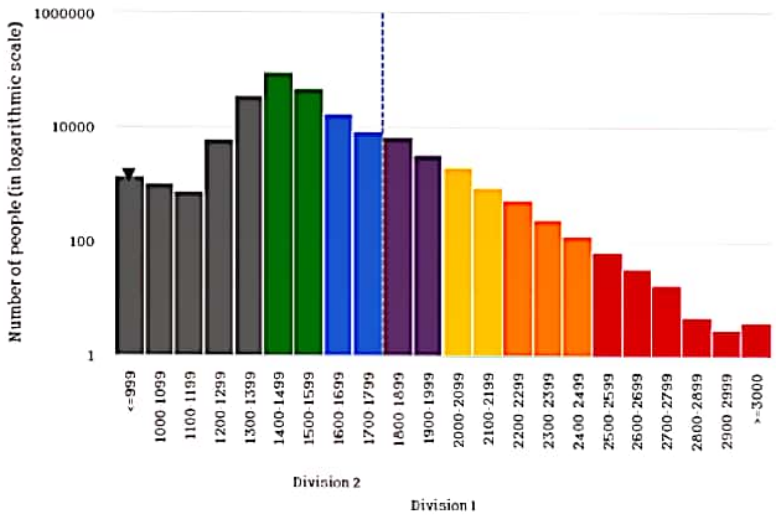
B.H. Rashmi

Username:	rashmi_2001
Country:	India
State:	Karnataka
City:	Siddapur
Student/Professional:	Student
Institution:	Alvas Institute of Engineering and Technology Karnataka, India
Teams List:	List of teams by B.H. Rashmi
Team Invites:	Click here to check team invites. 0

Rating Graphs

CodeChef | Long Challenge | Cook Off | Lunch Time

CodeChef Rating Distribution



0

CodeChef Rating
(Highest Rating 0)

NA	NA
Global Rank	Country Rank

Contests	Rating	Global Rank	Country Rank
Long Challenge	0	NA	NA
Cook-off	0	NA	NA
Lunch Time	0	NA	NA

Recent Activity

Date/Time	Problem	Result	Lang
No Recent Activity			

Code, Compile & Run

Ide

C++14 (gcc 6.3)

```c
#include <stdio.h>
int main()
{
    int m,n;
    scanf("%d%d",&m,&n);
    int i,j;
    int mat1[m][n],mat2[m][n],mat3[m][n];
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        scanf("%d",&mat1[i][j]);
    }
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        scanf("%d",&mat2[i][j]);
    }
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        {
            mat3[i][j]=mat1[i][j]+mat2[i][j];
        }
    }
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        printf("%d",mat3[i][j]);
```

6:28

Open File

✓Custom Input

Run

Custom Input

```
2 2
1 2 3 4
2 3 4 5
```

Status Successfully executed Date 2020-06-11 05:31:37 Time 0 sec Mem 15.232 kB

Input

```
2 2
1 2 3 4
2 3 4 5
```

Output

```
35
79
```

Code, Compile & Run

Ide

C++14 (gcc 6.3)

```
    scanf("%d%d",&m,&n);
    int i,j;
    int mat1[m][n],mat2[m][n],mat3[m][n];
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        scanf("%d",&mat1[i][j]);
    }
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        scanf("%d",&mat2[i][j]);
    }
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        {
            mat3[i][j]=mat1[i][j]+mat2[i][j];
        }
    }
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        printf("%d",mat3[i][j]);
        printf("\n");
    }
    return 0;
}
```

6:28

Open File

Custom Input

Run

Custom Input

```
2 2
1 2 3 4
2 3 4 5
```

Status Successfully executed **Date** 2020-06-11 05:31:37 **Time** 0 sec **Mem** 15.232 kB

Input

```
2 2
1 2 3 4
2 3 4 5
```

Output

```
35
79
```

Code, Compile & Run

Ide

C++14 (gcc 6.3)

```
#include <stdio.h>
int main()
{
    int m,n;
    scanf("%d%d",&m,&n);
    int i,j;
    int mat1[m][n],mat2[m][n],mat3[m][n];
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        scanf("%d",&mat1[i][j]);
    }
    for(i=0;i<n;i++)
    {
        for(j=0;j<n;j++)
        scanf("%d",&mat2[i][j]);
    }
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        {
            mat3[i][j]=mat1[i][j]-mat2[i][j];
        }
    }
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        printf("%d",mat3[i][j]);
```

21:34

Open File

Custom Input

Run

Custom Input

```
2 2
5 6 7 8
1 2 3 4
```

Status Successfully executed **Date** 2020-06-11 05:34:37 **Time** 0 sec **Mem** 15.232 kB

Input

```
2 2
5 6 7 8
1 2 3 4
```

Output

```
44
44
```

Code, Compile & Run

Ide

C++14 (gcc 6.3)

```
    scanf("%d%d",&m,&n);
    int i,j;
    int mat1[m][n],mat2[m][n],mat3[m][n];
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        scanf("%d",&mat1[i][j]);
    }
    for(i=0;i<n;i++)
    {
        for(j=0;j<n;j++)
        scanf("%d",&mat2[i][j]);
    }
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        {
            mat3[i][j]=mat1[i][j]-mat2[i][j];
        }
    }
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        printf("%d",mat3[i][j]);
        printf("\n");
    }
    return 0;
}
```

21:34

Open File

Custom Input

Run

Custom Input

```
2 2
5 6 7 8
1 2 3 4
```

Status Successfully executed Date 2020-06-11 05:34:37 Time 0 sec Mem 15.232 kB

Input

```
2 2
5 6 7 8
1 2 3 4
```

Output

```
44
44
```

B.M.Rashmi 4AL19CS018 F-section

C program to implement matrix addition & substraction

Algorithm :-

Matrix Addition :-

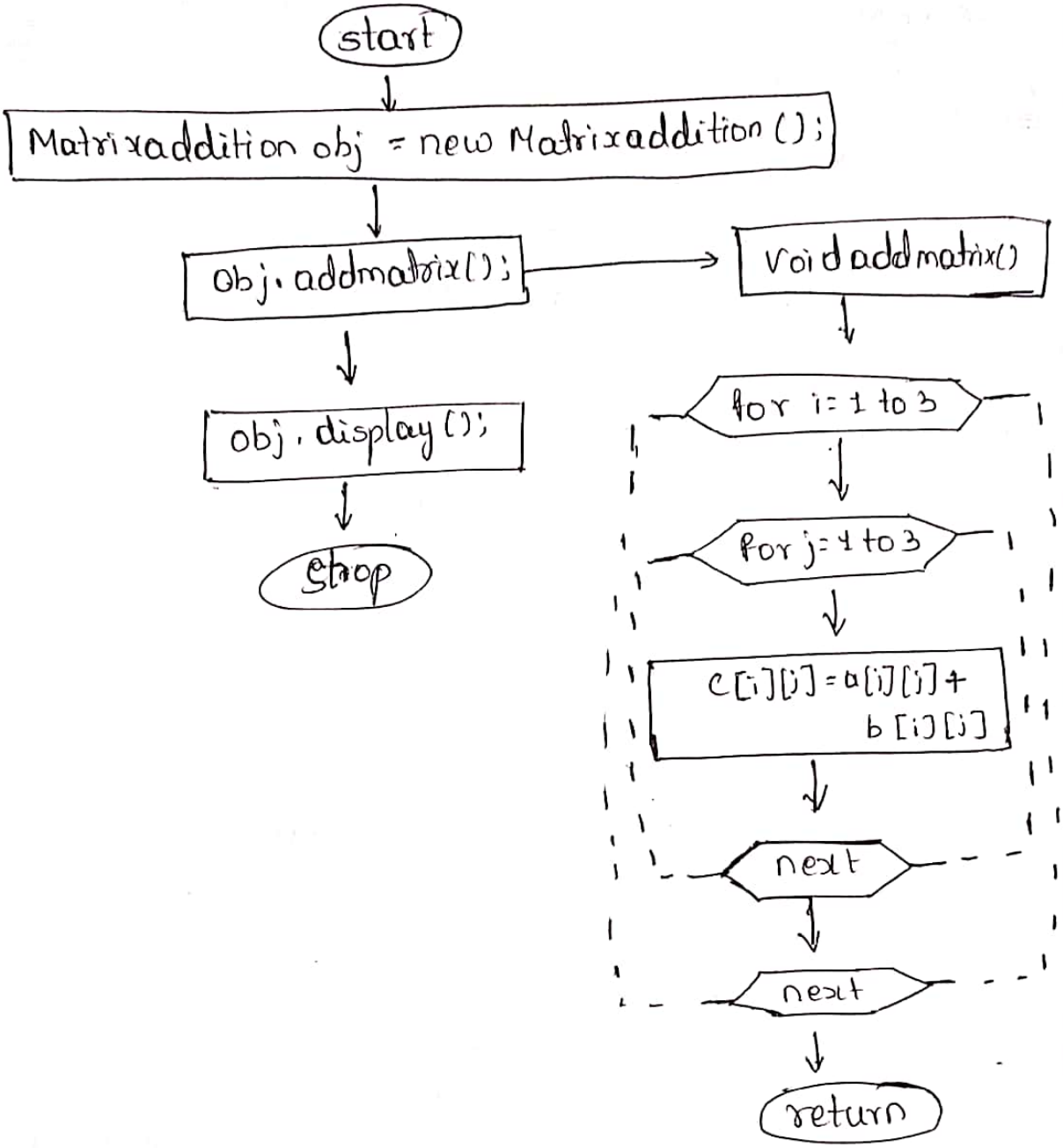
1. start
2. Input the order of the matrix
3. Input the matrix 1 elements
4. Input the matrix 2 elements
5. Repeat from i=0 to m
6. Repeat from j=0 to n
7. mat3[i][j] = mat1[i][j] + mat2[i][i]
8. Print mat3
9. stop.

Matrix substraction :-

1. start
2. Input the order of the matrix
3. Input the matrix 1 elements
4. Input the matrix 2 elements
5. Repeat from i=0 to m
6. Repeat from j=0 to n
7. mat 3[i][j] = mat 1[i][j] - mat 2[i][j]
8. Print mat3
9. stop.

Flowchart :

Matrix addition



Flowchart :-

Matrix Substraction :