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Pushpitha P



Username: pushpitha2001

Country: India

State: Karnataka

City: Mysuru

Student/Professional: Student

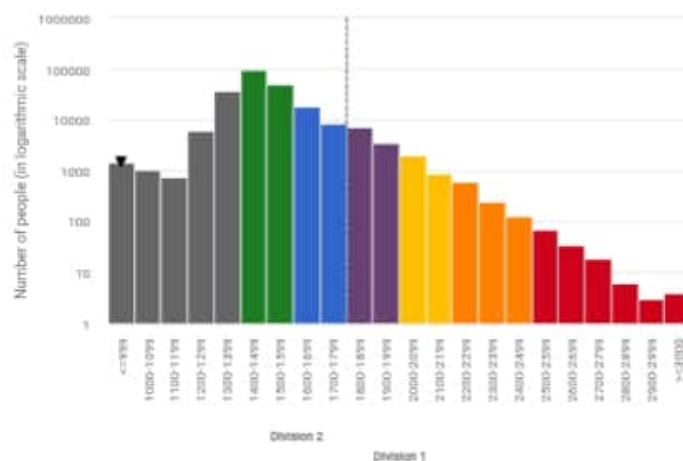
Institution: Alvas Institute of Engineering and Technology Karnataka, India

Teams List: List of [teams](#) by Pushpitha PTeam Invites: Click [here](#) to check team invites

Rating Graphs



CodeChef Rating Distribution



0



CodeChef Rating

(Highest Rating 0)

NA

Global Rank

NA

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
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Code, Compile & Run

Ide ✕ +

C++14 (gcc 6.3)



```
1 #include <stdio.h>
2 int main()
3 {
4     int m,n;
5     scanf("%d%d",&m,&n);
6     int i,j;
7     int mat1[m][n],mat2[m][n],mat3[m][n];
8     for(i=0;i<m;i++)
9     {
10         for(j=0;j<n;j++)
11             scanf("%d",&mat1[i][j]);
12     }
13     for(i=0;i<n;i++)
14     {
15         for(j=0;j<n;j++)
16             scanf("%d",&mat2[i][j]);
17     }
18     for(i=0;i<m;i++)
19     {
20         for(j=0;j<n;j++)
21         {
22             mat3[i][j]=mat1[i][j]*mat2[i][j];
23         }
24     }
25     for(i=0;i<m;i++)
26     {
27         for(j=0;j<n;j++)
28             printf("%d",mat3[i][j]);
29     }
30     printf("\n");
}
```

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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
```

Okay



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C++14 (gcc 6.3)

```
4 // 1D array
5 scanf("%d",&n);
6 int i,j;
7 int mat1[n][n],mat2[n][n],mat3[n][n];
8 for(i=0;i<n;i++)
9 {
10     for(j=0;j<n;j++)
11         scanf("%d",&mat1[i][j]);
12 }
13 for(i=0;i<n;i++)
14 {
15     for(j=0;j<n;j++)
16         scanf("%d",&mat2[i][j]);
17 }
18 for(i=0;i<n;i++)
19 {
20     for(j=0;j<n;j++)
21     {
22         mat3[i][j]=mat1[i][j]+mat2[i][j];
23     }
24 }
25 for(i=0;i<n;i++)
26 {
27     for(j=0;j<n;j++)
28         printf("%d",mat3[i][j]);
29     printf("\n");
30 }
31 return 0;
32 }
```

6:26

Open File

✓ Custom Input

Run

Custom Input

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

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Input

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

Output

```
35
79
```



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C++14 (gcc 6.3)

```
1 #include <stdio.h>
2 int main()
3 {
4     int m,n;
5     scanf("%d%d",&m,&n);
6     int i,j;
7     int mat1[m][n],mat2[m][n],mat3[m][n];
8     for(i=0;i<m;i++)
9     {
10         for(j=0;j<n;j++)
11             scanf("%d",&mat1[i][j]);
12     }
13     for(i=0;i<n;i++)
14     {
15         for(j=0;j<n;j++)
16             scanf("%d",&mat2[i][j]);
17     }
18     for(i=0;i<n;i++)
19     {
20         for(j=0;j<n;j++)
21         {
22             mat3[i][j]=mat1[i][j]-mat2[i][j];
23         }
24     }
25     for(i=0;i<m;i++)
26     {
27         for(j=0;j<n;j++)
28             printf("%d",mat3[i][j]);
29         printf("\n");
30     }
```

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
```



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C++14 (gcc 6.3)

```
1 int w, n;  
2 scanf("%d%d", &n, &n);  
3 int i, j;  
4 int mat1[n][n], mat2[m][n], mat3[n][n];  
5 for(i=0; i<n; i++)  
6 {  
7     for(j=0; j<n; j++)  
8         scanf("%d", &mat1[i][j]);  
9 }  
10 for(i=0; i<n; i++)  
11 {  
12     for(j=0; j<n; j++)  
13         scanf("%d", &mat2[i][j]);  
14 }  
15 for(i=0; i<n; i++)  
16 {  
17     for(j=0; j<n; j++)  
18         mat3[i][j] = mat1[i][j] + mat2[i][j];  
19 }  
20 for(i=0; i<n; i++)  
21 {  
22     for(j=0; j<n; j++)  
23         printf("%d", mat3[i][j]);  
24     printf("\n");  
25 }  
26 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
```

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PUSHPATHA P F-SECTION 4A119C3042

Algorithm to a program of addition of matrix

Matrix addition

Step 1 :- ~~Start~~ Start

Step 2 :- Input the order of the matrix

Step 3 :- Input the matrix 1 elements

Step 4 :- Input the matrix 2 elements

Step 5 :- repeat from $i=0$ to m

Step 6 :- Repeat from $j=0$ to n

Step 7 :- $mat3[i][j] = mat1[i][j] + mat2[i][j]$

Step 8 :- print mat3.

Step 9 :- stop.

Matrix subtraction

Step 1 :- Start

Step 2 :- Input the order of the matrix

Step 3 :- Input the matrix 1 elements

Step 4 :- Input the matrix 2 elements

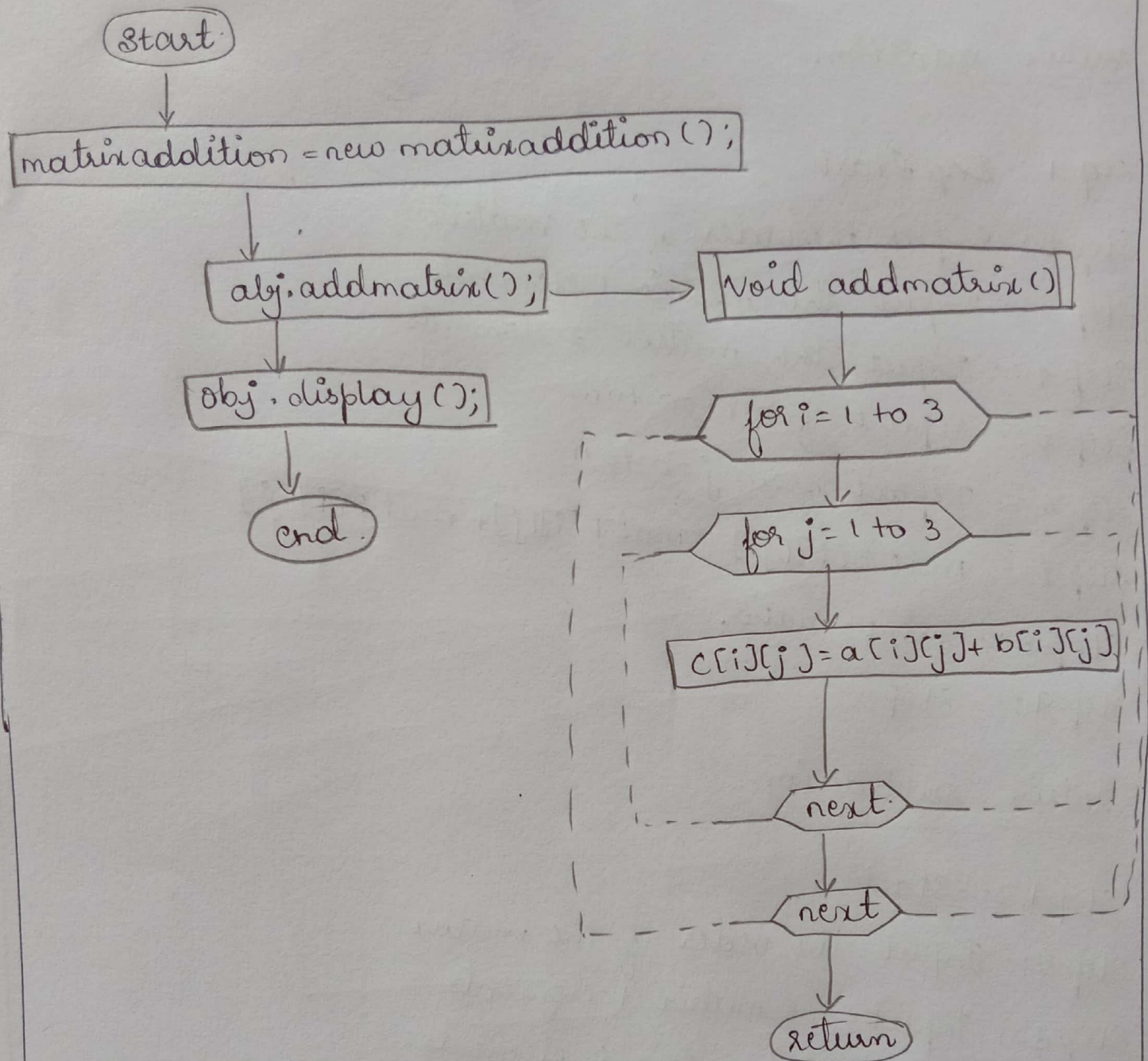
Step 5 :- Repeat from $i=0$ to m

Step 6 :- Repeat from $j=0$ to n

Step 7 :- $mat3[i][j] = mat1[i][j] - mat2[i][j]$

Step 8 :- print mat 3

Step 9 :- stop.

Flowchart addition matrix

Flowchart Subtraction