Student Professional Other

Alvas Institute of Engineering and

Send me newsletter & contest invitations.

I abide by <u>CodeChef's Code Of Conduct.</u>

2020 ▼

C(gcc 6.3)

Register

CodeChef is a non-profit competitive

bout CodeChef | CEO's Corner | Contact Us

odeChef uses SPOJ © by <u>Sphere Research Labs</u> order to report copyright violations of any kind, send in an email to <u>copyright@codechef.com</u>

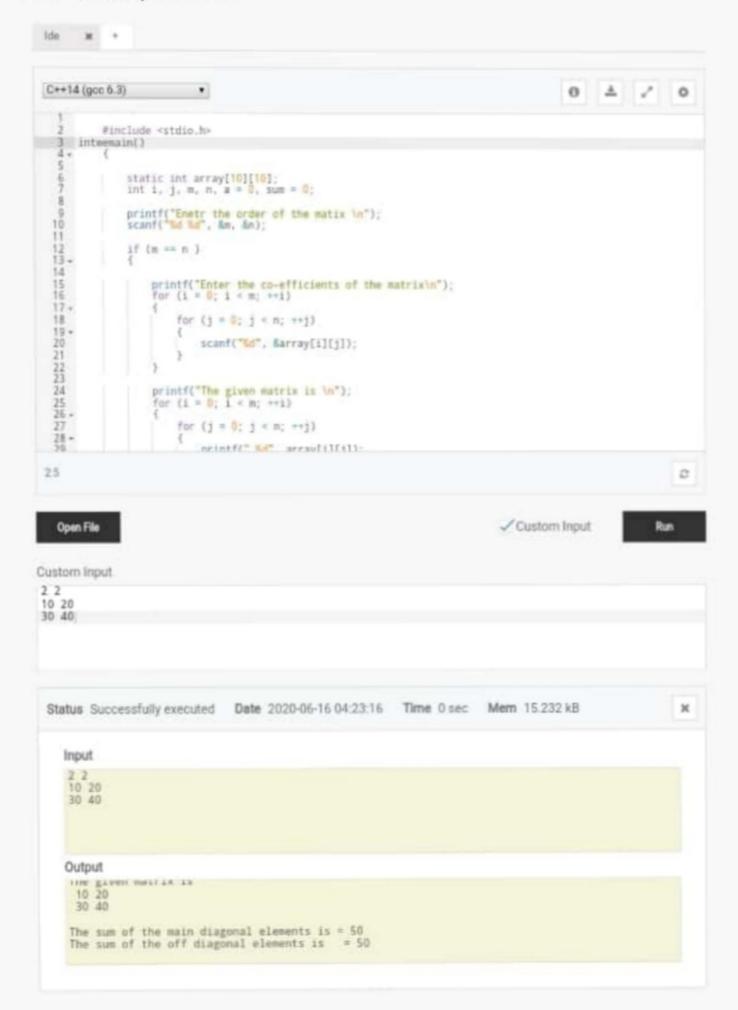
odeChef - A Platform for Aspiring Programmers

CodeChef was created as a platforn





Code, Compile & Run



Code, Compile & Run

```
Ide
                                                                                                      0 ± / 0
 C++14 (gcc 6.3)
                               pumility on a marray(x11)17.
  21
22
23
24
25
26
27
27
28
30
31
32
33
34
41
44
44
44
                      printf("The given matrix is \n");
                      for (i = 0; i < m; ++1)
                           for (j = 0; j = n; ++j)
                               printf(" %d", array[i][j]);
                          printf("\n");
                      for (i = 0; i < m; ++i)
                          sum = sum + array[i][i];
a = a + array[i][m - i - 1];
                      printf("InThe sum of the main diagonal elements is " %d\n", sum);
printf("The sum of the off diagonal elements is " %d\n", a);
   45
                 else
   46 47
                     printf("The given order is not square matrix'n");
   48
 25
                                                                                                                            0
    Open File

✓ Custom Input

Custom Input
2 2
10 20
30 40
 Status Successfully executed Date 2020-06-16 04:23:16 Time 0 sec Mem 15:232 kB
                                                                                                                            ж
    Input
    2 2
10 20
30 40
     Output
     10 20
      30 40
     The sum of the main diagonal elements is = 50
     The sum of the off diagonal elements is = 50
```

4AL19CS064 Prajna S.P C Program 10 implement sum of principal diagonal and Secondary diagonal elements Algorithm! Step 1: Start Step2: Input m.n, order Shp3: 4 (m == n) Enter Coefficients for (i=0; izm; ++i) for (j=0; j<n; ++i) Step H: Array [i][j]; Steps: for (i=0; i<m; ++i) Step6! for (j=0; j<n', ++j) Step 7: Pruint "In" Step 8: for (i=0; i<m; ++i) Sum = sum + array [i][i]; a = a + Obray [i] [m-i-j]; Step 9: Output main diagonal elements off diagonal elements Step 10: Else Output not a square matrix Step 11: Stop Morney by the Links The topic of the Daniel haloned it their

