


[questions](#) [tags](#) [users](#) [badges](#) [unanswered](#) | [ask a question](#) [at](#)

CodeChef Discussion

☒ questions ☐ tags ☐ users

GRID01-Editorials

PROBLEM LINK

0

Practice <http://www.codechef.com/INLO2015/problems/GRID01>
Contest <http://www.codechef.com/INLO2015>

Editorialist: Arihant singhi <http://www.codechef.com/users/arihant95>

DIFFICULTY:

Simple

PREREQUISITES:

IQ based Maths

PROBLEM

Find the Number of squares around each block.

EXPLANATION

The question ask us to calculate the no. of squares around each block..

Following are cases in general :

1) If block is at corner .

There will be 3 squares around each corner.

2) If block is at edge

There will be 5 squares around each corner.

General Formula for no. of squares around each squares in a grid .

$$43 + (n-2)(m-2)8 + (n-2)10 + (m-2)*10$$

for grid [n*m] where n,m >= 2

pseudocode

Start input test cases input grid n*m

if n=m=1 print 0;

else if n=1

$$s = (m-2)*2+2$$

else if m=1

$$s = (n-2)*2+2$$

else

$$s = 43 + (n-2)(m-2)8 + (n-2)10 + (m-2)*10;$$

print s;

End

[simple-math](#)

This question is marked "community wiki".

asked 24 May, 22:26



ravit007

6

accept rate: 0%



edited 25 May, 13:25

admin ♦♦

11.4k • 346 • 472 • 491

Follow this question

By Email:

You are not subscribed to this question

(you can adjust your notification settings on your profile)

By RSS:

☐ Answers

☐ Answers and Comments

Tags:

[simple-math](#) ×130

Asked: 24 May, 22:26

Seen: 146 times

Last updated: 25 May, 13:25

Related questions

[resources for probability and permutation combination](#)
[CDZ14B - Editorial](#)
[modulo problem](#)
[CHMOD - Editorial](#)
[NZEC : RUN TIME ERROR IN PYTHON](#)
[CIELDIST - Editorial](#)
[EQUALIZ - Editorial](#)
[JACKPOT - Editorial](#)
[Want proof..Please help.](#)
[CONFLIP - Editorial](#)

Be the first one to answer this question!

[hide preview]

☐ community wiki

creping
dhal/xei

Type the text

[Privacy & Terms](#)



Post Your Answer