| | | | | Logo | | | | | |
|----------------|------------------------------------|---|--|---|---------------------------------------|------------------------------------|-------------------------------------|------------------|-----|
| < | 3R13C3 | 25120 | ar 1303 | - 003BK | 65/20 | 322303 | 20 3BK | 205/20 | |
| 61203 | 13051 | 3827,3 | STU | JDENT RE | EPORT | C1203V | 2305^1 | 3BR213 | _^ |
| 5 | 0038PE | 120 | <u> </u> | 38 | 10 2230 | 385 | (5) | , so | 300 |
| D | ETAILS | 12036 | 30571 | 38R23C | 12036 | 335511 | 382730 | 12036 | |
| 03BR1 | ETAILS Name PREETHI K | 8K13C512O3KR23 | 038R23C51203 | DENT RE | EPORT | 51,20 36R23C51,20 36F | 23C51203BR23C517 | 38R1 363120 38R2 | 00 |
| | PREETHI K | | | | | | | G | |
| 5 | Roll Number | 3BRV | 6120 | 13°C> | 3BR1 | 6120 | ~3°C | 3821 | |
| R23C51 | 3BR23CS120 | | | | | | | | 27 |
| E, | XPERIMENT THE DIWALL CONTEST | 3 25170 34 | BRIBEST | 203BR22 | 2517036 | ARI ³ CS ¹ L | 20 3BR23' | 2520 | 5° |
| S ² | tle DIWAIA CONTEST | 2038R223 | 55,703 | 3R13C51 | 1038R213 | 512031 | 13°C5^\ | 03BR213 | 305 |
| 3BR2? | Description Max is planning to ta | 30 3BR13C5120 3BR13 | 28223C5120 | BR13C51203BR13C51 | 20 38R23C5120 38R23C | 51,20 3BR23C51,10 3BF | 1,3C5120 38R235 | 3C5120 3BRI | ′ |
| | for 4 hours. He also | ake part in a Diwal needs to travel to ranged in order of | i contest at a Di the party venue difficulty, with p | iwali Party that w within this time problem 1 being | vill begin at 8 PM which takes him | P minutes. The | l midnight (12 A contest compris | ses of N | ,20 |
| 223051 | is aware that he will | require 5*i minute | es to solve the i ^t | ^h problem. | | | | | 2 |

Your task is help Max find and return an integer value, representing the number of problems Max can solve and reach the party venue within the given time frame of 4 hours.

Note: Max will leave his home at exactly 8 PM to reach the party venue.

Input Format:

input1: An integer value N, representing the total number of problems.

input2: An integer value P, Representing the time to travel in minutes from his home to the party venue.

Example:

Input:

6

180

Output:

1

Explanation:

The amount of time left to solve the problems is 4*60-180=60 mins.

1st Problem - 5 mins, Time left = 60-5=55 mins

2nd Problem - 10 mins, Time left = 55-10=45 mins

3rd Problem - 15 mins, Time left = 45-15=30 mins

4th Problem - 20 mins, Time left = 30-20=10 mins

5th Problem $\,$ - 25 mins

90.38.89.j

task=int(input())
time=int(input())
work=0
rem=0
tleft=240-time
for i in range(1,task+1):
 rem+=i*5
 a=tleft-rem
 if a>=0:
 work=i
 print(work)

RESULT

5/5 Test Cases Passed | 100 %