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Title	PERIMENT Supplies of the process of	382730507
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	Max is planning to take part in a Diwali contest at a Diwali Party that will begin at 8 PM and will run until midnight (12 AM) i.e., for 4 hours. He also needs to travel to the party venue within this time which takes him P minutes. The contest comprises of N problems that are arranged in order of difficulty, with problem 1 being the simplest and problem N being the most difficult. Max is aware that he will	222 38R21
Section 2	Note: Max will leave his home at exactly 8 PM to reach the party venue.	38 Constitution of the con
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3827355	Explanation: The amount of time left to solve the problems is 4°60-180=60 mins.	BRACEGOT
	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	05607725
	4th Problem - 20 mins, Time left = 30-20=10 mins 5th Problem - 25 mins	N Pagas

Source Code:

def max_problems_solved(N, P): # Total available time for solving problems (240 minutes minus travel time) remaining_time = 240 - P # Initialize counters for time and problems solved $time_spent = 0$ count = 0 $\mbox{\tt\#}$ Iterate over problems from 1 to N for i in range(1, N + 1): # Time to solve the ith problem time_to_solve = 5 * i # Check if there's enough time left to solve this problem if time_spent + time_to_solve > remaining_time: break # Max can't solve more problems # Update the time spent and count of problems solved time_spent += time_to_solve count += 1 return count N=int(input()) P=int(input()) result=max_problems_solved(N,P)

RESULT

5 / 5 Test Cases Passed | 100 %

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print(result)

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