

Submitted By

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Problem C:
Code:
#include <stdio.h>
int main(){
int n, k;
int i, j;
int time = 0;
int count = 0;
scanf("%d", &n);
scanf("%d", &k);
int need = 240 - k;
for(i = 1; i <= n; i++){
  time += (i * 5);
  if(need >= time){
      count++;
 }
}
printf("%d",count);
return 0;
}
```



