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تعليمات إلزامية : كتابة البرنامج كاملًا داخل main استعمال حلقة واحدة فقط | يمنع استعمال المصفوفات، الدوال، break / continue

Input reading:3pts| Initialization:3 pts |Loop condition: 4 pts |Counters logic: 4 pts |Stop conditions: 3|Final output:3

```
#include <stdio.h>
int main() {
    int A, S, N, x, i;
    int T = 0, R = 0;
    printf("enter the minimum attendance required:\n");
    scanf("%d", &A);
    printf("enter the absence threshold:\n");
    scanf("%d", &S);
    printf("enter total registered students");
    scanf("%d", &N);
    for(i = 1; i < N; i++){
        while(S > T){
            printf("how many attendes does Student %d have?", x);
            scanf("%d", &x);
            if(x >= A){
                R++; }
            else{
                T++; }
        }
    }
    if(S > T){
        printf("present students are %d", R);
        printf("absent students are the total of %d", T);
        printf("session valid!");
    }
    else{
        printf("session cancelled");
    }
    return 0;
}
```

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```
#include <stdio.h>
int main ( )
{
   int A, S, N, x, i ;
   int T = 0, R = 0 ;
   printf ( " enter the minimum attendance required \ n " ) ;
   scanf ( " %d ", & A ) ;
   printf ( " enter the absence thereshold \ n " ) ;
   scanf ( " %d ", & S );
   printf ( " enter total registered students " ) ;
   scanf ( " %d ", & N ) ;
   for ( i = 1 ; i <N ; i ++ )
   {
       while ( S> T )
       {
           printf ( " how many attendes does student %d have ? ", x ) ;
           scanf ( " %d ", & x ) ;
           if ( x>= A )
           {
               R ++ ;
           }

           else
           {
               T ++ ;
           }

       }

   }

   if ( S> T )
   {
       printf ( " present students are %d ", R );
       printf ( " absent students are the total of %d ", T ) ;
       printf ( " session valid ! " ) ;
   }

   else
   {
       printf ( " session cancelled " ) ;
   }

   return 0 ;
}
```

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Analyse :

Algorithmique :

- Lecture N, A, S OK.
- Boucles imbriquées `for (i=1; i<N...)` et `while (S > T)`. Mauvais.
- `x` non initialisé avant usage dans `printf`.
- `scanf` OK.
- Logique interne correcte.
- Le `while` à l'intérieur du `for` est dangereux si S est grand.

NOTE FINALE : 09 / 20

Feedback :

- **Appréciation globale** : **Moyen**. Boucles imbriquées inappropriées.
