Copy number : 15

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 N, A, S;
    int x;
    int p = 0;
    int b = 0;
printf ("total number of Students :");
 scanf("%d", &N);
printf ("minimum attendance required:");
scanf ("%d", &A);
printf ("absence threshold:");
 scanf ("%d", &S);
  For(int i = 1; i <= N || i <= (b == S); i++ ){
   printf (" Student : %d", i );
     printf("number of attended sessions :");
       scanf ("%d", &x);
   if(A > X ){
       printf ("student is absent \n");
   b = b + 1;
   } else
     if(A <= X){
      printf("student is present \n");
        p = p + 1;
  }printf ("absent students %d \n", b );
  } printf ("present students %d", p);
     if(i <= (b == S)){
     printf ("the number of absent reaches S : %d \n", S );
     } else
     printf("session canceled");
     {printf ("session valid");
     }
   return 0;
}
```

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```
#include <stdio.h>
int main ( )
{
   int N, A, S ;
   int X ;
   int p = 0;
   int b = 0;
   printf ( " total number of Students : " ) ;
   scanf ( " %d ", & N ) ;
   printf ( " minimum attendance required : " ) ;
   scanf ( " %d ", & A ) ;
   printf ( " absence threshold : " ) ;
   scanf ( " %d ", & S ) ;
   for ( int i = 1 ; i <= N || i <= ( b == S ) ;
   i ++ )
   {
       printf ( " Student % d " , i ) ;
       printf ( " number of attended sessions : " ) ;
       scanf ( " %d ", & X ) ;
       if ( A> X )
       {
           printf ( " student is absent /n " ) ;
           b = b + 1 ;
       }

       else
       {
           if ( A <= X )
           {
               printf ( " student is present /n " ) ;
               p = p + 1 ;
           }

           printf ( " absent students % d ", b ) ;
           printf ( " present students % d ", p ) ;
           if ( i == b == s )
           {
               printf ( " the number of absent reaches S : % d ", S ) ;
           }

           else
           {
               printf ( " session canceled " ) ;
               printf ( " session valid " ) ;
           }

           return 0 ;
       }
```

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Analyse :

Algorithmique :

- Boucle `for` avec condition complexe `i <= (b == S)`. `(b==S)` vaut 0 ou 1. Donc boucle s'arrête tout de suite.
- Logique interne `A > X` OK.
- Affichage à chaque itération.

NOTE FINALE : 09 / 20

Feedback :

- **Appréciation globale** : **Moyen**. Erreur dans la condition de boucle.
