Copy number : 24

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, K, P=0, ABS=0, C=0;
    printf("Enter the value of All Student \n");
    scanf("%d", &N); K=N;
    printf("Enter the min value of ABS-S \n");
    scanf("%d", &A);
    printf("Enter the value of ABSence threshold \n");
    scanf("%d", &S);
    while(N>=0){
     printf("Enter the Number of sessions of Student %d \n", N);
     scanf("%d", &X);
       if(X<A) ABS++;
       else P++;
       C++;
       printf("Number of Student %d \n", N);
       printf("Number of Student ABS: %d \n", ABS);
       printf("Number of Student present %d \n", P);
       N--;
       if(S==ABS || C==K){
                          N=-N;}
    }
     printf("the Number of processStudent: %d \n", C);
     printf("the Number of ABSent Student: %d \n", ABS);
     printf("the Number of present Student \n: %d", P);
     If(S==ABS) printf("This exam is Concelled");
     else printf("this exam is valid");
     return 0;
}
```

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```
#include <stdio. ch>
int main ( )
{
   int N, A, S, K, p = 0, Abs = 0, c = 0 ;
   Printf ( " Enter the value of All Student \n " ) ;
   Scanf ( " %d ", & N ) ;
   K = N ;
   Printf ( " Enter the min value of ABSS \n " ) ;
   Scanf ( " %d ", & A ) ;
   Printf ( " Enter the value of ABsence threshold \n " ) ;
   Scanf ( " %d ", & S ) ;
   while ( N> 0 )
   {
       Printf ( " Enter the Number of sessions of student %d \n ", K-N ) ;
       Scanf ( " %d ", & x ) ;
       If ( x <A ) Abs ++ ;
       else p ++ ;
       c ++ ;
       Printf ( " Number of Student : %d ", N ) ;
       Printf ( " Number of Absent ABS : ", ABS ) ;
       Printf ( " Number of Student present ", P ) ;
       If ( S == ABS || c == K )
       {
           N = - N ;
       }

   }

   Printf ( " the Number of proccess Student : % d ", c ) ;
   Printf ( " the Number of ABSent Student : % d ", ABS ) ;
   Printf ( " the Number of present student \n : % d ", P ) ;
   If ( S == ABS ) Printf ( " This exam is cancelled " ) ;
   else Printf ( " this exam is valid " ) ;
   return 0 ;
}
```

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Analyse :

Algorithmique :

- Boucle `while (N > 0)`. Décrémente N ? `N = -N` à la fin ?
- Calcul `K-N` pour num étudiant.
- Compteurs `Abs`, `p`.
- Arrêt si `S == ABS`.

NOTE FINALE : 12 / 20

Feedback :

- **Appréciation globale** : **Moyen**. Logique un peu tordue mais fonctionnelle.