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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 N, A, S, X,
int i =1;
int present student =0;
int absent student =;
int total present student =0;
int total absent student = 0;
printf("Enter the number registered
        student: ");
scanf("%d", &N);
printf(" Enter the minimum attendance
   required: ");
scanf("%d", & A);
printf("Enter the absence threshold");
scanf("%d", & S);
while (i <=N && S<=absent student){
printf("Enter the number of allend
      sessions: ");
      scanf("%d", & X);
      IF(X < A) {
   print(" The student is absent.");
      absent student ++; }
   else {
   printf("The student is present.");
      present student++; }
   printf)
      i++;
printf("the number of student is
      %d\n", i);
printf("the present student are:
      %d\n", present student);
printf("the absent student are:
   %d\n", absent student);
}
printf("the totale number of
   present is : %d\n",
      present student);
printf(" the totale number of
   absent is : %d\n"
      absent student);
if (absent student <= S)
{ printf("session valed");
}
else {
   printf("session cancelled");
} return 0;
}
```

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```
#include <stdio.h>
int main ( )
{
   int N, A, S, X, int i = 1;
   int present student = 0;
   int absent student = 0;
   int Total present student = 0;
   int total absent student = 0;
   print F ("Enter the number registered student: ");
   ScanF ("%d", & N);
   print F (" Enter the minimum attendace required: ");
   Scan F ("%d", & A);
   print F ("Enter the absence threshold");
   Scan F ("%d", & S);
   while (i <= N && S <= absent student)
   {
       print F ("Enter the number of attend sessions: ");
       Scan F ("%d", & X);
       IF (X <A)
       {
           print ("The student is absent.");
           absent student ++;
       }

       else
       {
           print F ("The student is present.");
           present student ++;
       }

       i++;
       print F ("the number of student is %d\n", i);
       print F ("the present student are: %d\n", present student);
       print F ("the absent student are: %d\n", absent student);
   }

   print fl ("the totale numbre of present is : %d\n", present student ) ;
   print F ("the totale numbre of absent is : %d\n" absent student);
   if (absent student> S)
   {
       print F ("session valid");
   }

   else
   {
       print F ("session cancelled");
       return 0;
   }
```

```
}
```

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Analyse :

Algorithmique :

- Initialisation variables verbeuse mais correcte.
- Boucle `while` avec condition d'arrêt correcte (`i <= N && S <= absent`). Attention, énoncé dit arrêt si `absent >= S` (donc pas strictement < ?). Ici `S <= absent` signifie "tant que S est inf ou égal à absent" ? Non, l'étudiant veut dire "tant que absent n'a pas atteint S". Si `absent < S`, la boucle continue. Ici écrit `S <= absent`, donc si S=3 et absent=0, boucle ne s'exécute pas. Condition inversée.
- Logique interne OK.

NOTE FINALE : 10 / 20

Feedback :

- **Appréciation globale** : **Moyen**. Erreur logique majeure dans la condition du `while` (inversée).
