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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, i = 1, Present = 0, absent = 0;
Printf ("entre N");
    Scanf ("%d", &N);
Printf ("entre A");
    Scanf ("%d", &A);
Printf ("entre S");
    Scanf ("%d", &S);
    While (i <= N && absent < S){
        Printf ("Student %d - attended session", i);
            Scanf ("%d", &X);
                if ( X < A) {
                    absent ++; }
                else {
                    Present ++; }
Printf ("Step %d", i);
Printf ("Present = %d", Present);
Printf ("absent = %d", absent);
                i ++; }
Printf("final result");
Printf ("Processed student", i-1);
Printf ("absent student", absent);
Printf ("Present student", Present);
            if ( absent >= S ) {
                Printf ("session cancelled"); }
            else {
                Printf ("session Valid"); }
return 0; }
```

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```
#include <stdio.h>
int main()
{
   int N, A, S, X, i = 1, present = 0, absent = 0;
   printf("entre N");
   scanf("%d", &N);
   printf("entre A");
   scanf("%d", &A);
   printf("entre S");
   scanf("%d", &S);
   while (i <= N && absent <S)
   {
       printf("Student %d - attended session", i);
       scanf("%d", &X);
       if (X <A)
       {
           absent++;
       }

       else
       {
           present++;
       }

       printf("step %d", i);
       printf("present = %d", present);
       printf("absent = %d", absent);
       i++;
   }

   printf("final result");
   printf("processed student %d", i - 1);
   printf("absent student %d", absent);
   printf("present student %d", present);
   if (absent == S)
   {
       printf("session cancelled");
   }

   else
   {
       printf("session Valid");
   }

   return 0;
}
```

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Analyse :

Algorithmique :

- Boucle `while (i <= N && absent < S)`. Correcte.
- Logique parfaite.
- Affichage final correct.

NOTE FINALE : 20 / 20

Feedback :

- **Appréciation globale** : **Excellent**.
