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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>
#define N 100
#define A 5
#define S 10

int main() {
    int X, nbre_pr = 0, nbre_ab = 0, i = 0;
    while (i<N || nbre_ab < S)
    {
        printf("enter the number of attended sessions : ");
        scanf("%i", &X);
        if (X<A) {
            nbre_ab++;}
        else {nbre_pr++;}
        i++;
        printf("present students = %i \n", nbre_pr);
        printf("absent students = %i \n", nbre_ab);
        printf("step number %i \n", i);
    }
    printf("Total processed students = %i \n", i);
    printf("present students = %i \n", nbre_pr);
    printf("absent students = %i \n", nbre_ab);
    if (nbre_ab <3) { printf("Session valid "); }
    else { printf("Session cancelled "); }
    return 0; }
```

Copy 12

```
#include <stdio.h>
#define N 100 #define A 5 #define S 10 int main()
{
   int X, nbre_pr = 0, nbre_ab = 0, i = 0;
   while (i <N || nbre_ab <S)
   {
       printf("enter the number of attended sessions: ");
       scanf("%d", &X);
       if (X <A)
       {
           nbre_ab++;
       }

       else
       {
           nbre_pr++;
       }

       i++;
       printf("present students = %d", nbre_pr);
       printf("absent students = %d", nbre_ab);
       printf("step number %d", i);
   }

   printf("Total processed students = %d", i);
   printf("present students = %d", nbre_pr);
   printf("absent students = %d", nbre_ab);
   if (nbre_ab <3)
   {
       printf("session valid");
   }

   else
   {
       printf("session cancelled");
   }

   return 0;
}
```

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Analyse :

Algorithmique :

- Utilisation de `#define` pour N, A, S. L'énoncé disait "Lire N, A, S". (-3 pts lecture).
- Boucle `while` correcte.
- Logique correcte.

Notation :

Critère	Points	Commentaire
Lecture N, A, S	0 / 3	Utilisation de constantes au lieu de scanf. Hors sujet.
Initalisation	3 / 3	OK.
Condition boucle	4 / 4	OK.
Logique prés./abs.	4 / 4	OK.
Compteurs	3 / 3	OK.
Affichages inter.	2 / 2	OK.
Affichage final	1 / 1	OK.

NOTE FINALE : 17 / 20

Feedback :

- **Appréciation globale** : **Très Bon** code, mais attention à bien lire l'énoncé (entrées dynamiques demandées).
