Copy number : 14

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

```c
#include <stdio.h>
#include <stdlib.h>
#include <bool.h>
int main (){
    int N, A, S, X, i=1, present_a=0,
        absent_a=0, processed_a=0;
    bool              session_cancelled;
    printf (" Enter number of registered
students : ");
    scanf ("%d", &N);
    printf (" Enter the minimum
attendance required : ");
    scanf ("%d", &A);
    printf (" Enter the absence threshold
: ");
    scanf ("%d", &S);
    while (i<=N && absent_a != S)
    {
        printf (" Enter number of attended
sessions for student %d : ", i);
        scanf ("%d", &X);
        if (X < A)
        {
            absent_a += 1;
        }
        else
        {
            present_a += 1;
        }
        printf (" present students:
%d ", present_a);
        printf (" absent students :
%d", absent_a);
        processed_a += 1;
        if (absent_a = S)
        {
            session_cancelled = 1;
        }
        i++;
    }
    printf (" total processed students:
%d ", processed_a);
    printf (" present students :%d",
present_a);
    printf (" absent students : %d,
absent_a);
    if (session_cancelled)
    {
        printf (" session cancelled ");
    }
    else
    {
        printf (" session valid ");
    }
}
```

Copy 14

```c
#include <stdio.h>
#include <stdlib.h>
#include <stdbool.h>
int main()
{
    int N, A, S, X, i = 1, present_a = 0, absent_a = 0;
    // bool session_cancelled;
    printf("Enter number of registered students");
    scanf("%d", &N);
    printf("Enter the minimum attendance required");
    scanf("%d", &A);
    printf("Enter the absence threshold");
    scanf("%d", &S);
    while (i <= N && absent_a != S)
    {
        printf("Enter number of attended sessions for student %d", i);
        scanf("%d", &X);
        if (X <A)
        {
            absent_a += 1;
        }

        else
        {
            present_a += 1;
        }

        printf("present students: %d", present_a);
        printf("absent students: %d", absent_a);
        if (absent_a == S)
        {
            // session_cancelled = 1;
            printf("total processed student %d", processed_a);
            printf("session cancelled");
        }

        else
        {
            printf("session valid");
        }

    }

    return 0;
}
```

Analyse :

Algorithmique :

- Boucle `while` correcte (`absent_a != S`).
- Logique correcte.
- Affichage propre.
- Petit souci : `i` n'est incrémenté nulle part. Boucle infinie sur le 1er étudiant.

NOTE FINALE : 12 / 20

Feedback :

- **Appréciation globale** : **Moyen**. Oubli d'incrémenter le compteur de boucle.