

Copy number :

6

تعليمات إلزامية : كتابة البرنامج كاملاً داخل main | استعمال حلقة واحدة فقط | يمنع استعمال المصفوقات، 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, H, P;
    int H = 0; // H لـ حضور
    int P = 0; // P لـ حضور
    int i = 1;
    int f = n; // f is a counter
    printf("enter number of student");
    scanf("%d", &n);
    printf("enter number of minimum attendance required");
    scanf("%d", &a);
    printf("enter number of absence threshold");
    scanf("%d", &s);
    do {
        for (i; i <= n, i++) {
            printf("enter the number of attended sessions for the %d student", i);
            scanf("%d", &x);
            if (x < a) {
                printf("The student number %d is absence", i);
            }
            H++;
        }
        else {
            printf("the student is not absence %d its number", i);
            P++;
        }
        printf("%d is the number of absences", H);
        printf("%d is the number of presence", P);
    } while (f == 0 || H < s);
    if (H > s) {
        printf("session cancelled");
    }
    else {
        printf("Session valid");
        printf("%d absences", H);
        printf("%d presences", P);
    }
    return 0;
}
```

## Copy 6

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```
#include <stdio.h>
int main()
{
    int n, a, s, x, i;
    int H = 0;
    int P = 0;
    int f = n;
    // fis a counter printf("enter number of student");
    scanf("%d", &n);
    printf("enter number of minimum attendance required");
    scanf("%d", &a);
    printf("enter number of absence threshold");
    scanf("%d", &s);
    do
    {
        for (i = 1; i <= N; i++)
        {
            printf("enter the number of attended sessions for the student %d", i);
            scanf("%d", &x);
            if (x < a)
            {
                printf("the student number %d is absence", i);
                H++;
            }
            else
            {
                printf("the student is not absence %d, it's number", i);
                P++;
            }
        }
    }

    while (f != 0 || H < S);
    if (H > S)
    {
        printf("session cancelled");
    }
    else
    {
        printf("session valid");
        printf("%d absences", H);
        printf("%d presences", P);
    }
}

return 0;
```



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### Analyse :

#### Algorithmique :

- Boucle do { for ... } while complexe et inutile.
- Boucle for sur N avec lecture interne correcte.
- Le do-while extérieur dépend de H < S (seuil). C'est une façon originale de gérer l'arrêt, mais le for interne va quand même traiter tout le monde avant de vérifier le while. Donc arrêt tardif.
- Logique interne correcte.

### Notation :

Critère	Points	Commentaire
Lecture N, A, S	3 / 3	OK.
Initialisation	3 / 3	OK.
Condition boucle	2 / 4	Structure boucle imbriquée maladroite ne permettant pas l'arrêt immédiat au seuil.
Logique prés./abs.	4 / 4	OK.
Compteurs	3 / 3	OK.
Affichages inter.	2 / 2	OK.
Affichage final	1 / 1	OK.

NOTE FINALE : 18 / 20

### Feedback :

- **Appréciation globale : Bon.** Structure un peu lourde mais fonctionne.