

Copy number :

14

تعليمات إلزامية : كتابة البرنامج كاملاً 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,S,A,X;
    printf ("Enter the number of registered students = ");
    scanf ("%d", &N);
    printf ("Enter the number of attendances required = ");
    scanf ("%d", &A);
    printf ("Enter the absence threshold = ");
    scanf ("%d", &S);
    for (int i=0; i >= N || i < S; i++) {
        printf ("Student number for student: ");
        printf ("Number of student absences: ");
        scanf ("%d", &X);
        if (X < A) {
            printf ("Absent");
            printf ("Absent number = %d", i);
            printf ("A student is absent; %d% Absent");
        } else {
            printf ("Present");
            printf ("Present");
            printf ("Present, %d Present");
        }
        printf ("Student number: %d", i);
        printf ("Present student, %d Absent");
        if (S < i) {
            printf ("Complied");
        } else {
            printf ("Violated");
        }
    }
    return 0;
}
```

## Copy 14

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```
#include <stdio.h>
int main()
{
    int N, S, A, X;
    printf("Enter the number of registered students: ");
    scanf("%d", &N);
    printf("Enter the number of attendance required: ");
    scanf("%d", &A);
    printf("Enter the absence threshold: ");
    scanf("%d", &S);
    for (int i = 0; i <= N || i == S; i++)
    {
        printf("Student number of student: ");
        printf("Number of student hours: ");
        scanf("%d", &X);
        if (X < A)
        {
            printf("Absent");
            Absent += i;
            printf("Absent number: %d", Absent);
        }
        else
        {
            printf("Present");
            Present += i;
            printf("Present number: %d", Present);
        }
    }

    printf("Student number: %d", i);
    printf("Present student: %d", Present);
    if (Session == S)
    {
        printf("Cancelled");
    }
    else
    {
        printf("Valid");
    }
}

return 0;
}
```

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### Analyse :

#### Algorithmique :

- Lectures correctes.
- Boucle `for` avec condition `i <= N || i == S`. Arrêt sur `S` (seuil absences) incorrect car comparé à `i` (compteur tour).
- Saisie `scanf("%d", &x)`.
- Incrémentation : `Absent += i`. **Erreur** : Ajoute le numéro de l'étudiant (`i`) au lieu de 1 !
- `Absent` et `Present` non initialisés.
- Affichage final utilise `Session` (non déclaré).

### Notation :

Critère	Points	Commentaire
Lecture N, A, S	3 / 3	Correct.
Initialisation	0 / 3	Non faite.
Condition boucle	1 / 4	Condition d'arrêt sur seuil incorrecte.
Logique prés./abs.	4 / 4	Correcte.
Compteurs	0 / 3	Ajoute <code>i</code> au lieu de 1.
Affichages inter.	2 / 2	Présents.
Affichage final	0 / 1	Variable inexistante.

NOTE FINALE : 10 / 20

### Feedback :

- **Points forts** : Code structuré qui ressemble à une solution.
- **Points faibles** : Incrémentation fausse (`+= i`), défaut d'initialisation, variables fantômes (`Session`).
- **Appréciation globale** : **Moyen -**