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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 A;
    printf("entre A\n");
    scanf("%d", &A);
    int N;
    printf("entre N\n");
    scanf("%d", &N);
    int S;
    printf("entre S\n");
    scanf("%d", &S);
    int x, Absent, Present;
    int i, j;
    for (i = 0; i <= N; i++) {
        scanf("%d", &x);
        printf("x %d: \n", i);
        if (x < A) {
            printf("x is Absent\n", Absent);
            Absent++;
        } else {
            printf("x is Present\n", Present);
            Present++;
        }
        printf("the Absent is: %d \n", Absent);
        printf("the Present is: %d \n", Present);
        if (Absent < S) {
            printf(" تف \n");
        } else {
            printf(" ويل \n");
        }
    }
    return 0;
}
```

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```
#include <stdio.h>
int main()
{
    int A;
    printf("entre A\n");
    scanf("%d", &A);
    int N;
    printf("entre N\n");
    scanf("%d", &N);
    int S;
    printf("entre S\n");
    scanf("%d", &S);
    int x, Absent, Present;
    int i, j;
    for (i = 0; i <= N; i++)
    {
        scanf("%d", &x);
        printf("x: %d", i);
        if (x <A)
        {
            printf("x is absent", Absent);
            Absent++;
        }
        else
        {
            printf("x is present", Present);
            Present++;
        }
    }

    printf("the Absent is: %d", Absent);
    printf("the Present is: %d", Present);
    if (Absent <S)
    {
        printf("valid");
    }
    else
    {
        printf("cancelled");
    }
}

return 0;
}
```

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Analyse :

Algorithmique :

- Lectures correctes.
- Boucle `for` sur N.
- Logique correcte.
- Compteurs incrémentés mais **non initialisés** (Absent, Present).
- Condition d'arrêt sur S manquante dans la boucle (testée seulement à la fin).

Notation :

Critère	Points	Commentaire
Lecture N, A, S	3 / 3	OK.
Initialisation	0 / 3	Non initialisées.
Condition boucle	2 / 4	Partielle.
Logique prés./abs.	4 / 4	OK.
Compteurs	3 / 3	OK (sauf init).
Affichages inter.	1 / 2	OK.
Affichage final	1 / 1	OK.

NOTE FINALE : 14 / 20

Feedback :

- **Appréciation globale : Moyen.** Attention à l'initialisation des variables locales en C (valeur indéterminée).