

Copy number :

13

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, A, S, f = 0, r = 0, i = 1; X;
    printf ("Total number of registered student: ");
    scanf ("%d", &N);
    printf ("minimum attendance required: ");
    scanf ("%d", &A);
    printf ("absence threshold: ");
    scanf ("%d", &S);
    while (r >= S) {
        printf ("the student %d", i);
        scanf ("%d", &X);
        if (X < A) {
            r = r + 1;
        } else {
            f = f + 1;
        }
        printf ("number of present %d", f);
        printf ("number of absent %d", r);
        if (A > f || r > S) {
            printf ("Session cancelled");
        } else {
            printf ("Session valid");
        }
    }
    return 0;
}
```

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```
#include <stdio.h>
int main ( )
{
    int N, A, S, f = 0, r = 0, i = 1, X; printf ( " Total number of registered student: " );
    scanf ( " %d ", & N ) ;
    printf ( " minimum attendance required: " ) ;
    scanf ( " %d ", & A ) ;
    printf ( " absence threshold: " ) ;
    scanf ( " %d ", & S ) ;
    while ( r >= S && i >= N )
    {
        printf ( " the student %d ", i ) ;
        Scanf ( " %d ", & X ) ;
        if ( X < A )
        {
            r = r + 1 ;
            else f = f + 1 ;
        }

        printf ( " number of present %d " , f ) printf ( " number of absent %d " , r ) ;
    }

    if ( A > f && r > S )
    {
        printf ( " session cancelled " ) ;
        else printf ( " Session valid " ) ;
    }

    return 0 ;
}
```

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Analyse :

Algorithmique :

- while ($r \geq s \ \&\& \ i \geq n$). Conditions fausses départ. $\&\&$! Ne démarre pas.
- Variables x_i ?
- Calculs corrects si boucle tournait.

NOTE FINALE : 05 / 20

Feedback :

- **Appréciation globale : Insuffisant.** Erreur condition initiale.
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