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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 N, A, S, X, i, count1 = 0, count2 = 0; // count1: absent student
                                                // count2: Present student
    printf ("enter The Number of register Student :");
    scanf ("%d", &N);
    printf ("enter The minimum attendance required :");
    scanf ("%d", &A);
    printf ("enter absence Thre Shold :");
    scanf ("%d", &S);
    // X = 6
    for (i = 1; i <= N; i++) {
        if (A > X) {
            count1++;
            printf ("The student absent :");
        } else {
            count2++;
            printf ("The student Present :");
        }
        if (count1 == S) {
            printf ("Session not valid");
        } else {
            printf ("Session valid");
        }
    }
    printf ("total Processed Student is %d", N);
```

printf ("total of student Present : %d", count1);

printf ("total of the student absent : %d", count2);

- Return:

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```
include <stdio.h> int main ( )
{
    int N, A, S, X, i, count 1 = 0, count 2 = 0 ;
    Printf ( " enter The Number of register student : " ) ;
    Scanf ( " %d ", & N ) ;
    Printf ( " enter The minnumattendance required : " ) ;
    Scanf ( " %d ", & A ) ;
    Printf ( " enter absence Thre Shold : " ) ;
    Scanf ( " %d ", & S ) ;
    X = 6 ;
    for ( i = 1 ; i <= N || i == S ; i ++ )
    {
        if ( A > X )
        {
            count 1 ++ ;
            Printf ( " The student absent : " ) ;
        }
        else
        {
            Printf ( " The student Present : " ) ;
            count 2 ++ ;
        }
    }

    if ( count 1 <= S )
    {
        Printf ( " Session not valid " ) ;
    }
    else
    {
        Printf ( " Session valid " ) ;
    }

    Printf ( " tootal Processed Student is %d ", N ) ;
    Printf ( " tootol of student Present : %d ", count 1 ) ;
    Printf ( " total of tu dent absent : %d ", cont 2 ) ;
    return 0 ;
}
```

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### Analyse :

#### Algorithmique :

- Boucle `for` syntaxe `i <= N || i == S`. Condition d'arrêt fausse (continue si `i=S`).
- Logique interne OK.
- Condition `if (count1 <= S)` (`count1 = absents`). Valide si  $\leq S$ ? Enoncé dit valide si  $< S$  (ou non annulé). La logique inverse.

NOTE FINALE : 08 / 20

### Feedback :

- **Appréciation globale : Insuffisant.** Condition boucle et validité douteuses.
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