Copy number : 12

تعليمات إلزامية : كتابة البرنامج كاملًا 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, N, S ;
  int X
  int 0 = عدد الطلبة الحاضرين ;
  int     0 = عدد الطلبة الغائبين ;
  int 0 = اجمالي الطلبة الذين تحقق معايرتهم ;
 Printf("Entrer total number of student (N)");
 scanf("%d", &N);
 Printf("Entrer A");
 scanf("%d", A);
 Printf("Entrer S");
 scanf("%d", S);
while (total proceessed != 0 && absent students < S) {
     Printf("Enter the number of attended session %d");
    scanf("%d", &X);
   if(x<A){
     absent = absent + 1;
     } else {
      present = present + 1;
        Printf("student %d : present );
        Printf("student %d : absent );
          i = i + 1
          N = N - 1
                 }
```


- 11 -

Copy number : 12-Bis

تعليمات إلزامية : كتابة البرنامج كاملًا 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

```
Printf("total stuedent proccessed:%d\n", i-1);
Printf("present student=%d\n", present);
Printf(Absent                          absent);

    if (A<=5) {
      Printf("ssession valiad");
} else {
    Printf("ssession cancelled");
    }

  return 0;}
```

Copy 12

```
#include <stdio.h>
int main()
{
   int A, N, S;
   int x;
   int present = 0;
   int absent = 0;
   int total_processed = 0;
   int i = 0;
   printf("entre total number of student (N)");
   scanf("%d", &N);
   printf("Enter A");
   scanf("%d", &A);
   printf("Enter S");
   scanf("%d", &S);
   while (total_processed != N && absent <S)
   {
       printf("Enter the number of attended session x :");
       scanf("%d", &x);
       if (x <A)
       {
           absent = absent + 1;
           printf("student %d : absent", i);
       }

       else
       {
           present = present + 1;
           printf("student %d : present", i);
       }

       i = i + 1;
       // N = N - 1;
       // Logic adjusted based on context total_processed++;
   }

   printf("total stuedent procesed : %d", i);
   printf("presnt student = %d \n", present);
   printf("Absent = %d", absent);
   if (absent <= S) // Adjusted logic based on standard problem statement (usually absent
   {
       printf("ssession valiad");
   }

   else
   {
       printf("session cancelled");
   }
```

```
    return 0;
}
```

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Analyse :

Algorithmique :

- Boucle `while (total != N && absent < S)`. Correcte.
- Logique interne correcte.
- Incrémentation des compteurs OK.
- Affichage final OK.

NOTE FINALE : 18 / 20

Feedback :

- **Appréciation globale** : **Très Bon**.