Copy number : 5

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 processed=0;
int N=0;
int A=0;
int S=0;
int X=0;
int absent=0;
int present=0;

printf("Enter the number of registered students: ");
scanf("%d" );

printf("Enter the min attendance required: ");
scanf("%d",&A);
printf("Enter the absence threshold:" );
scanf("%d",&S);

for(int i=1; i<=N; i++){
printf("Enter the number of attended sessions: ");
scanf("%d",&X);
  if (X<A)
   printf("student %d is absent", i);
  else
    absent++;
   printf("student %d is present", i);
     present++;
printf("student number. %d\n",i);
printf("%d absent students\n",absent);
printf("%d present students\n", present);
  if(absent>=S){
  i=N; }
}
```

Copy number : 5-Bis

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

~~printf("total number of pro~~

```
processed = absent + present ;
pPintf("the total number of processed students
is: %d", processed);
printf(" %d present students", present);
printf("%d absent students", absent);

    if( absent >= 8)
printf(" valid Session");
    else
print f(" Cancelled Session ");

    return 0;
}
```

2/2

Copy 5

```
#include <stdio.h>
int main()
{
   int N = 0;
   int A = 0;
   int S = 0;
   int X = 0;
   int i;
   int absent = 0;
   int present = 0;
   printf("Enter the number of registered students : ");
   scanf("%d", &N);
   printf("Enter the min attendance required : ");
   scanf("%d", &A);
   printf("Enter the absence threshold : ");
   scanf("%d", &S);
   for (i = 0; i <N; i++)
   {
       printf("enter the number of attended sessions : ");
       scanf("%d", &X);
       if (X <A)
       {
           printf("student %d is absent", i);
           absent++;
       }

       else
       {
           printf("student %d is present", i);
           present++;
       }

       printf("student number : %d\n", i);
       printf("%d absent students\n", absent);
       printf("%d present students\n", present);
       if (absent>= S)
       {
           i = N;
       }

   }

   int processed = absent + present;
   printf("the total number of processed students is : %d", processed);
   printf("%d present students", present);
   printf("%d absent students", absent);
   if (absent>= S)
   {
       printf("valid Session");
```

```
    }

    else
    {
        printf("Cancelled Session");
    }

    return 0;
}
```

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Analyse :

Algorithmique :

- Lectures OK.
- Boucle `for`.
- Logique interne OK.
- Arrêt : `if (absent >= S) i = N;`. (Hack de sortie, ok).
- Condition finale inversée : `if (absent >= S)` -> Valid ?? Non, cancelled ! (Logique `valid` si `absent >= S` est faux).

NOTE FINALE : 14 / 20

Feedback :

- **Appréciation globale** : **Moyen**. Attention à la condition finale (inversée).
