Copy number : 2

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 N, A, S, x, sA, sP, sT;
  printf("Enter the total number of registred student : ");
  scanf("%d", &N);
  printf("Enter the minimum attendance requiered:\n");
  scanf("%d", &A);
  printf("Enter the absence threshold :\n");
  scanf("%d", &S);
  for(int i=0; i<=N; i++){
    printf("Enter x : ", i+1);
    scanf("%d", &x);
    if(x < A){
      printf("the student%d is absent!", i);
    }else{
      printf("the student%d is present!\n");
    }
    sP = N - x;
    sA = N - sP;
    printf("the present students= %d\n", sP);
    printf("the absent students = %d\n", sA);
    if(x == N || x == S){
      printf("simulation stops");
    }
}
```

(1)

Copy number : 2 Bis 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

```
sT = sP + sA;
printf("the total processed students = %d", sT);
printf("the present students = %d", sP);
printf("the absent students = %d", sA);
// Final status:
if(N < sA){
    printf("session cancelled!");
}else{
    printf("session valid");
}
return 0;
}
```

(2)

Copy 2

```
#include <stdio.h>
int main()
{
   int N, A, S, x, sA, sP, sT;
   printf("Enter the total number of registred student : ");
   scanf("%d", &N);
   printf("Enter the minimum attendance required : ");
   scanf("%d", &A);
   printf("Enter the absents threshold : ");
   scanf("%d", &S);
   for (int i = 0; i <= N; i++)
   {
       printf("Enter x : ", i + 1);
       scanf("%d", &x);
       if (x <A)
       {
           printf("the student is absent.");
       }

       else
       {
           printf("the student is present\n");
       }

       sP = N - x;
       sA = N - sP;
       printf("the student present students = %d", sP);
       printf("the absent students = %d", sA);
       if (x == N || x == S)
       {
           printf("simulation stops");
           sT = sP + sA;
           printf(" the total processed students = %d", sT);
           printf(" the present students = %d", sP);
           printf(" the absent students = %d", sA);
           // Final status: if (N <sA)
           {
               printf(" session cancelled!");
           }

           else
           {
               printf(" session valid");
           }

           return 0;
       }

   }
```

```
}
```

COPY NUMBER: 2

Analyse :

Algorithmique :

- Lecture OK.
- Boucle `for`.
- Calculs finaux dans la boucle : `sP = N - x` ?? `x` est le nombre de séances de l'étudiant, pas le nombre de présents ! Grosse confusion sur la signification de `x`.
- Condition d'arrêt `if (x == N || x == S)`. Encore confusion entre `x` (séances d'un itudiant) et les compteurs globaux.
- Ne compte rien (variables écrasées à chaque tour).

NOTE FINALE : 06 / 20

Feedback :

- **Appréciation globale** : **Insuffisant**. Confusion totale sur les variables.
