Copy number : 22

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 , absence =0, attended=0 , random = 1;
printf ("enter the number of registered students");
scanf ("%d", &N);
printf ("enter the number of minimum attendance");
scanf ("%d", &A);
printf ("enter the number of absence threshold");
 scanf ("%d", &S);
for( i=1 ; i<=N && absence<=S,i++){
printf ("enter the number of attended sessions for student %d \n", i);
scanf ("%d", &X );
 if (X<A)
   random = 0;
 if((random))
 printf (" the student %d has attended", i);
   attended = attended +1;
else
 printf (" the student %d is absent);
 absence = absence +1;

printf (" attended = %d , absent = %d \n", attended, absence );
 }
 printf ("Total attended : %d \n Total absence = %d \n" ,
                                          attended, absence);
 if (absence ==5 ) printf ("session invalid");
 else  printf ("session  valid");
return 0;
}
```

output on each step:
student number : i
attendance = attended
absence = absence

final output:
Total attendance
Total absence
session status

Copy 22

```
#include <stdio.h>
int main()
{
   int N, A, 5, X, absence = 0, attended = 0, random = 1;
   printf("enter the number of registered students");
   scanf("%d", &N);
   printf("enter the number of minimum attendance");
   scanf("%d", &A);
   printf("enter the number of absence threshold");
   scanf("%d", &S);
   for (i = 1; i <= N && absence <= S; i++)
   {
       printf("enter the number of attended sessions for student %d\n", i);
       scanf("%d", &X);
       if (X <A)
       {
           if (random)
           {
               printf("the student %d has attended", i);
               attended = attended + 1;
           }

           else
           {
               printf("the student %d is absent", i);
               absence = absence + 1;
           }

       }

   }

   printf("attended = %d, absent = %d", attended, absence);
   printf("Total attended : %d \n Total absence : %d \n", attended, absence);
   if (absence == S)
   {
       printf("session invalid");
   }

   else
   {
       printf("session valid");
   }

   return 0;
}
```

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Analyse :

Algorithmique :

- Variable `5` en nom de variable ? (`int N, A, 5...`) Syntaxe illégale.
- Variable `random` utilisée non init (non, init à 1).
- `if (X < A)` : `if (random)` -> condition toujours vraie. Compte les absents comme présents ("attended") ? Logique inversée et étrange.
- Tente de simuler de l'aléatoire ?

NOTE FINALE : 06 / 20

Feedback :

- **Appréciation globale** : **Insuffisant**. Code confus.
