Copy number : 8

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>
#include <stdlib.h>
int main ()
{ int N, A, S, F, E, Y, O, X;
  int i ;
  printf(" Enter the total number of
   registered students: \n");
  Scanf("%d",&N);
  printf("Enter the minimum attendance
        required: \n");
  scanf("%d", &A);
  printf("Enter the absence threshold");
  scanf("%d",&S);
  for (i=1 ; i<=N ; i++)
  { printf("Enter the number of attended
    sessions of the student %d :\n");
    scanf("%d", &X);
    if (X<A) // Y عدد الطلبة الغائبين  E عدد الطلبة الحاضرين
    { printf(" the student %d is
                absent : \n", i);
      Y= Y+1;
      printf(" the number of absent student
       is : %d \n", Y);
      printf(" the number of present student
       is : %d \n", E);}
    else
    { printf(" the student %d is present: \n", i);
      E =E +1;
      printf("the number of absent students is: %d \n", Y);
      printf("the number of present students is: %d \n", E);
    }
    if ( Y == S) // لوقف الحلقة
    { i = N;}
  }
  O =Y +E ; // عدد الطلبة الذين تمت معالجتهم
  printf(" Total processed students
    are : %d \n", O);
  printf(" The total number of absent
  students are : %d \n", Y);
  printf(" the total number of present
  students are : %d \n", E);
  if (Y > S)
  {printf(" the session is valid");}
  else
  {printf (" the session is cancelled");}
return 0;
}
```

Copy 8

```
#include <stdio.h>
#include <stdlib.h>
int main()
{
   int N, A, S, F, E, Y, O, X;
   int i;
   printf("Enter the total number of registered students: \n");
   scanf("%d", &N);
   printf("Enter the minimum attendance required: \n");
   scanf("%d", &A);
   printf("Enter the absence threshold: ");
   scanf("%d", &S);
   for (i = 1; i <= N; i++)
   {
       printf("Enter the number of attended sessions of the student %d: \n", i);
       scanf("%d", &X);
       if (X <A)
       {
           printf("The student %d is absent: \n", i);
           Y = Y + 1;
           printf("the number of absent student is: %d \n", Y);
           printf("the number of present student is: %d \n", E);
       }

       else
       {
           printf("The student %d is present: \n", i);
           E = E + 1;
           printf("the number of absent student is: %d \n", Y);
           printf("the number of present students is: %d \n", E);
       }

       if (Y == S)
       {
           i = N;
       }

   }

   O = Y + E;
   printf("Total processed students are: %d \n", O);
   printf("the total number of absent students are: %d \n", Y);
   printf("the total number of present students are: %d \n", E);
   if (Y> S)
   {
       printf("the session is valid");
   }

   else
```

```
    {
        printf("the session is cancelled");
    }

    return 0;
}
```

COPY NUMBER: 8

Analyse :

Algorithmique :

- Boucle `for` OK.
- Logique interne OK.
- Arrêt : `if (Y == S) i = N`. (Force la fin de boucle). Correct.
- Variables non initialisées `Y`, `E` (accumulateurs). Grave en C.

NOTE FINALE : 13 / 20

Feedback :

- **Appréciation globale** : **Moyen**. Attention à l'initialisation.
