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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;
int i, na=0, np;
Printf("Enta the total number of registered
students");
Scanf("%d", &N);
for(i=1, i<=N, i++) {
Printf("student %d", i);
Scanf("%d", &X);
if (X<A) {
na = na+1; }
else {
np = np + 1;
}
if (i==N || np = S)
Printf("stop the simulation");
}

Printf("present students is %d", np);
Printf("absent students is %d", na);

if (na<=np)
Pintf("valid" );
else ("cancelled);
```

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```
#include <stdio.h>
int main()
{
   int N, A, S, X;
   int i, na = 0, np;
   printf("Enter the total number of registered students: ");
   scanf("%d", &N);
   for (i = 1; i <= N; i++)
   {
       printf("student %d", i);
       scanf("%d", &X);
       if (X <A)
       {
           na = na + 1;
       }

       else
       {
           np = np + 1;
       }

       if (i == N || na == S)
       {
           printf("stop the simulation");
           break;
       }

   }

   printf("present students is %d", np);
   printf("absent students is %d", na);
   if (na <= np)
   {
       printf("valid");
   }

   else
   {
       printf("cancelled");
   }

   return 0;
}
```

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Analyse :

Algorithmique :

- Initialisation `na=0` mais `np` non initialisé.
- `break` utilisé.
- Logic `if (i == N || na == S)`.
- Globalement ok sauf init `np`.

NOTE FINALE : 16 / 20

Feedback :

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