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;
int A;
int S;

Printf("Enter Total number of registred students : ");
Scanf("%d", &N);

Printf("Enter number of minimum attendance required: ");
Scanf("%d", &A);

Printf("Enter number of absence threshold: ");
Scanf("%d", &S);

~~for(int i=1; i<=N;~~ while(i<=N || B==S){
    int i=1;
    ~~i++;~~
    int x;
    int B=0;
    int P=0;

Printf("Enter the number of absence of student n°:%d:", i);
Scanf("%d", &x);
if(i==N || B==S){

   Printf("Total processed students is :%d\n", i);
   Print f("Present students is:%d\n", P);
   Printf("Absent students is :%d\n", B);
   if(B==S){
     Printf("Session statut is canceled\n");
} else { Printf("Session statut is valid\n"); } }

  if(x<A){
      B++;
}else{P++; } }

    return 0; }
```

Copy 22

```
#include <stdio.h>
int main()
{
   int N, A, S;
   printf("Enter Total number of registered students: ");
   scanf("%d", &N);
   printf("Enter number of minimum attendance required: ");
   scanf("%d", &A);
   printf("Enter number of absence threshold: ");
   scanf("%d", &S);
   while (i <= N || B == S)
   {
       int B = 0;
       int P = 0;
       printf("Enter the number of absence of student n %d", i);
       scanf("%d", &X);
       if (i == N || B == S)
       {
           printf("Total processed students is %d", i);
           printf("Present students is %d", P);
           printf("Absent students is %d", B);
           if (B == S)
           {
               printf("Session status is cancelled");
           }

           else
           {
               printf("Session status is valid");
           }

       }

       if (X <A)
       {
           B++;
       }

       else
       {
           P++;
       }

   }

   return 0;
}
```

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Analyse :

Algorithmique :

- Initialisation `int i` manquante avant `while`.
- Boucle `while (i <= N || B == S)`. Condition arrêt fausse (`||` continue si seuil atteint).
- Réinitialisation `int B=0; int P=0;` **DANS** la boucle ! Les compteurs sont remis à zéro à chaque tour.
- Logique d'incrémentation en fin de boucle. `i` n'est jamais incrémenté (boucle infinie).

Notation :

Critère	Points	Commentaire
Lecture N, A, S	3 / 3	OK.
Initalisation	0 / 3	Compteurs remis à 0 dans la boucle. `i` non init.
Condition boucle	0 / 4	Boucle infinie (`i` ne change pas).
Logique prés./abs.	4 / 4	OK.
Compteurs	0 / 3	Remis à zéro.
Affichage final	0 / 1	-

NOTE FINALE : 07 / 20

Feedback :

- **Appréciation globale** : **Insuffisant**. Erreur sur la portée des variables.