

Copy number :

1

تعليمات الإزامية : 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>
int main () {
    int N, A, S;
    printf("Enter the number of registered students = \n");
    scanf("%d", &N);
    printf("Enter the minimum attendance required = \n");
    scanf("%d", &A);
    printf("Enter the absence threshold = \n");
    scanf("%d", &S);
    for (int i = 0; i <= N; i++) {
        if (int n < A) {
            i += S;
            printf("the student %d is absent", i);
            cont++;
        } else {
            printf("the student %d is present", i);
            cont++;
        }
        printf("the absent students are = %d, con");
        scanf("%d", &cont);
        printf("the present students are = %d, con");
        scanf("%d", &cont);
        printf("the number student is = ");
        else if (N > S) {
            printf("Session Cancelled");
        } else {
            printf("Session valid");
        }
    }
    return 0;
}
```

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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 <Studio.h>
int main{
    int N=0;
    int A=0;
    int S=0;
    int absent=0;
    int present=0;
    int X=0;
    printf("%N;%A.%S");
    scanf("%N;%A;%S");
    for(int i=1; i<=N; i++) {
        printf("entre X");
        scanf("%X");
        if(X<A)
            printf("absent");
        absent++;
        else
            printf("the nombre of absent ...");
    }
    printf("abs = %S")
```

```
printf("number of ---X");
scanf("%Y.%01%F%X");
if(X<A)
    printf("absent++");
else
    printf("present++");
printf("ilm");
printf("absent");
printf("present");
if(absent == S){
    i=N;
}
printf("total of student");
printf("present");
printf("absent");
if(absent > S)
    printf("Valid");
else
    printf("Cancelled");
```

Copy number :

3

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>
int main() {
    int N;
    int S;
    int A;
    int i;
    int X;
    int P, B;
    printf("Enter total number of registered students: N");
    scanf("%d", &N);
    printf("Enter the minimum attendance required ");
    scanf("%d", &A);
    printf("Enter the absence threshold: ");
    scanf("%d", &S);
    for (i=1; i<=N; i++) {
        scanf("%d", &X);
        if (X < A)
            count++;
        else
            count++;
    }
    printf("%d, i );
    printf("The total of present students is: %d, P );
    printf("The total of absent students is: %d, B );
    - printf("The total of presents is: \n");
    - printf("The total of absents is: \n");
    { if (B<P || B=P)
        printf("Session valid" );
    }
    else
        printf("Session valid cancelled" );
}
```

Copy number :

4

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 >
int main () {
    int N, A, S, X, i, absent, present;
    printf ("total number of registered students");
    scanf ("%d", & N);
    printf ("mini attendance required");
    scanf ("%d", & A);
    printf ("absence threshold");
    scanf ("%d", & S);
    printf ("Enter the number of attended sessions");
    scanf ("%d", & X);
    if (X > A) {
        printf ("the student is present");
        for (i = 0, i <= N; i++)
            printf ("present student");
        present = i;
    }
    else {
        printf ("the student absent");
        absent = N - i;
        printf ("%d", absent);
    }
    if (i >= S) {
        printf ("session cancelled");
    }
    else {
        printf ("session valid");
    }
    return 0;
}
```

Copy number :

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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>
int main(){
    int N, A, S, X;
    printf("Enter total number of registered Students");
    scanf("%d", &N);
    printf("Enter minimum attendance required");
    scanf("%d", &A);
    printf("Enter absence threshold");
    scanf("%d", &S);
    printf("Enter the number of attended Sessions");
    scanf("%d", &X);
    for (i=0; i<X; i++) {
        if (X < A)
            printf("the student is absent");
        else
            printf("the student is present");
    }
}
return 0;
```

Copy number :

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تعليمات إلزامية : كتابة البرنامج كاملاً داخل main | استعمال حلقة واحدة فقط | يمنع استعمال المصفوقات، 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, H, P;
    int H = 0; // H لـ حضور
    int P = 0; // P لـ حضور
    int i = 1;
    int f = n; // f is a counter
    printf("enter number of student");
    scanf("%d", &n);
    printf("enter number of minimum attendance required");
    scanf("%d", &a);
    printf("enter number of absence threshold");
    scanf("%d", &s);
    do {
        for (i; i <= n, i++) {
            printf("enter the number of attended sessions for the %d student", i);
            scanf("%d", &x);
            if (x < a) {
                printf("The student number %d is absence", i);
            }
            H++;
        }
        else {
            printf("the student is not absence %d its number", i);
            P++;
        }
        printf("%d is the number of absences", H);
        printf("%d is the number of presence", P);
    } while (f == 0 || H < s);
    if (H > s) {
        printf("session cancelled");
    }
    else {
        printf("Session valid");
        printf("%d absences", H);
        printf("%d presences", P);
    }
    return 0;
}
```

Copy number :

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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>
int main () {
    int N, A, S, sc, j = 0, K = 0;
    printf("enter the number of registered students");
    scanf("%d", &N);
    printf("enter the minimum attendance required");
    scanf("%d", &A);
    printf("enter the absence threshold");
    scanf("%d", &S);
    for (i = 0; i <= n; i++) {
        printf("give me the number of sessions of student number %d", i);
        scanf("%d", &sc);
        if (sc < A) {
            printf("the student number %.d is absent", i);
            j = j + 1;
        } else {
            printf("the student number %.d is present", i);
            K = K + 1;
        }
    }
    printf("the number of absent student is %d", K);
    printf("the number of present student is %d", j);
    if (j >= S) {
        printf("session cancelled");
    } else {
        printf("session valid");
    }
    return 0;
}
```

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>
int main() {
    int N, A, S, X, Y, Z = 0, i = 1;
    printf("Enter the Number of registered students");
    scanf("%d", &N);
    printf("Enter The minimum attendance required");
    scanf("%d", &A);
    printf("Enter the Absence threshold");
    scanf("%d", &S);
    while (i <= N && Z != S) {
        printf("What is the Number of Attended session X");
        scanf("%d", &X);
        if (A > X) {
            printf("the student is absent");
        } else {
            printf("the student is present");
        }
        i++;
    }
    Y = N - Z;
    printf("Total proceeded student = %d", N);
    printf("the Number of present students = %d", Y);
    if (Z == S) {
        printf("The Number of absent students = %d", Z);
        printf("Session canceled");
    }
    return 0;
}
```

Copy number :

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تعليمات إلزامية : كتابة البرنامج كاملاً داخل main | استعمال حلقة واحدة فقط | يمنع استعمال المصفوفات، الموال، 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;
    printf ("Total of processed students", N);
    if {
        n < A;
        printf ("The student is absent");
    } else {
        printf ("The student is present");
    }
    for {
        (N == 0; N <= A; N++)
        printf ("Session valid");
    } if not {
        printf ("Session cancelled");
    }
    return 0;
}
```

Final status }

output :-

- total processed students
- present students
- absent students
- Session Valid
- session cancelled

Copy number : 10

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>

```
int main() {
    int N, A, S;
    printf("Total number of registered students "); // Total number of registered students
    scanf("%d", &N);
    printf("Enter minimum attendance required"); // Enter minimum attendance required
    scanf("%d", &A);
    printf("Enter absence threshold"); // Enter absence threshold
    scanf("%d", &S);
    do { int i = 1, NS = 0, NA = 0;
        printf("Enter the number of attendee of student %d ", i); // Enter the number of attendee of student
        scanf("%d", &X);
        if (X < A) {
            printf("Student %d is absent ", i); // Student is absent
            NS = NS + 1;
        } else {
            printf("Student %d is present ", i); // Student is present
            NA = NA + 1;
        }
    } while (i <= N || NS >= S);
    return 0;
}
```

```
i++;
while (i <= N || NS >= S) {
    printf("The number of present student is %d ", &NA); // The number of present student is
    printf("The number of absent student is %d ", &NS); // The number of absent student is
    if (NS >= S) {
        printf("The session is canceled ");
    } else {
        printf("The session is valid ");
    }
}
return 0;
}
```

Copy number :

11

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>
int main() {
    int N, A, S, sum1=0, sum2=0;
    scanf("%d", &N);
    scanf("%d", &A);
    scanf("%d", &S);
    for (int i=1, i<=N; i++ || S>N) {
        int x;
        scanf("%d", &x);
        if (x < A) {
            printf("absent student");
            sum1 = sum1 + Sums;
        } else
            printf("present student");
        sum2 = sum2 + sum1;
    }
    printf("the number of absent students=%d", sum1);
    printf("the number of present student=%d", sum2);
    if (sum1 > sum2) {
        printf("Session cancelled");
    } else
        printf("Session valid");
}
return 0;
```

Copy number : 12

تعليمات إلزامية : كتابة البرنامج كاملاً داخل main | يمنع استعمال المصفوفات، الدوال، break / continue | استعمال حلقة واحدة فقط | Input reading:3pts | Initialization:3 pts | Loop condition: 4 pts | Counters logic: 4 pts | Stop conditions: 3 | Final output:3

Input reading:3pts | Initialization:3 pts | Loop condition: 4 pts | Counters logic: 4 pts | Stop conditions: 3 | Final output:3

```
#include <stdio.h>
#define N 100
#define A 5
#define S 10

int main() {
    int X, nbre-pr = 0, nbre-ab = 0, i = 0;
    while (i < N || nbre-ab < S) {
        printf("enter the number of attended sessions : ");
        scanf("%i", &X);
        if (X < A) {
            nbre-ab++;
        } else {
            nbre-pr++;
        }
        i++;
        printf("present students = %i \n", nbre-pr);
        printf("absent students = %i \n", nbre-ab);
        printf("step number %i \n", i);
    }
    printf("Total processed students = %i \n", i);
    printf("present students = %i \n", nbre-pr);
    printf("absent students = %i \n", nbre-ab);
    if (nbre-ab < S) { printf("Session valid"); }
    else { printf("Session cancelled"); }
    return 0;
}
```

Copy number : 13

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>
int main()
{
    int N, sum = 0;
    int A, S;
    int X;
    printf("ادخل طبيعة سديمه ");
    scanf("%d", &N);
    printf("ادخل الاعداد ");
    scanf("%d", &A);
    printf("ادخل مجموع ");
    scanf("%d", &S);
    while ((N > S) || (A != S))
    {
        printf("ادخل ");
        scanf("%d", &X);
        if (X < A) printf("عذراً ");
        else printf("ناظر ");
        break
        printf("مجموع ");
        printf("%d", sum);
    }
    return 0;
}
```

Copy number : 14

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>
int main(){
    int a, s, x, absent, present;
    int n;
    printf("enter the number of registered students:");
    scanf("%d", &n);
    printf("enter the minimum attendance required:");
    scanf("%d", &a);
    printf("enter the absence threshold:");
    scanf("%d", &s);
    printf("enter the number of attended session:");
    scanf("%d", &x);
    if (x < a) {
        printf("the student is absent");
        scanf("%d", &absent);
    } else {
        printf("the student is present");
        scanf("%d", &present);
    }
    printf("the number of present student is:%d", present);
    printf("the number of absent student is:%d", absent);
}
return 0;
```

Copy number : 15

تعليمات الإزامية : 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>>

```
int main() {
    int N, A, S, X;
    int i=1, present=0, absent=0;
    printf("Please input the total number of registered students: ");
    scanf("%d", &N);
    printf("Please input the minimum attendance required: ");
    scanf("%d", &A);
    printf("Please input the absence threshold: ");
    scanf("%d", &S);
    printf("\n Please input the number of attended sessions for each student:\n");
    for(i=1; i <= N; i++) {
        if(absent < S) {
            printf("Student number: %02d \n", i);
            printf("X: ");
            scanf("%d", &X);
            printf("Student status: ");
            if(X < A) {
                absent++;
                printf("Absent \n");
            } else {
                present++;
                printf("Present \n");
            }
            printf("Present Students: %d \n", present);
            printf("Absent Students: %d \n", absent);
        }
    }
    printf("Total processed Students: %d \n", present+absent);
    printf("Present Students: %d \n", present);
    printf("Absent Students: %d \n", absent);
    printf("Final status: \n");
    if(absent < S) {
        printf("Session Valid");
    } else {
        printf("Session Cancelled");
    }
}
```

return 1;

}

Copy number : 16

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>
int main () {
    int N, A, S, X, i=1, present = 0, absent = 0;
    printf ("entre N");
    scanf ("%d", &N);
    printf ("entre A");
    scanf ("%d", &A);
    printf ("entre S");
    scanf ("%d", &S);
    while (i <= N && absent < S) {
        printf ("Student %d - attended session", i);
        scanf ("%d", &X);
        if (X < A) {
            absent++;
        } else {
            present++;
        }
        printf ("Step %d", i);
        printf ("Present = %d", present);
        printf ("absent = %d", absent);
        i++;
    }
    printf ("final result");
    printf ("Processed student", i-1);
    printf ("absent student", absent);
    printf ("Present student", present);
    if (absent == S) {
        printf ("session cancelled");
    } else {
        printf ("session Valid");
    }
    return 0;
}
```

Copy number :

١٧

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 >

read A, N, S
i = 1

present = 0

absent = 0

While i ≤ N and absent ≤ S =

read x

if x < A =

else =

present++

print i, present, absent

i++

if absent == S =

Session cancelled

else :

Session Valid

return 0;

Copy number : 18

تعليمات إلزامية : كتابة البرنامج كاملاً داخل main استعمال حلقة واحدة فقط | يمنع استعمال المصفوقات، 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, X, i;
    const S;
    For (i = 1, i++) {
        printf("read the number of attended sessions");
        if (x < A) {
            printf("student absent");
            scanf("%d", student absent);
        } else if (x > A) {
            printf("student present");
            scanf("%d", student present);
            number of present student = N - student absent;
            number of absent student = N - student present;
            scanf("%d %d", number of present student, number of absent student);
        }
        if (A == N) {
            printf("stop");
        } else if (N == S) {
            printf("stop");
        } else if ("the student is present") {
            printf("session valid");
        } else if ("the student is absent") {
            printf("session cancelled");
        }
    }
    return 0;
}
```

Copy number :

19

تعليمات إلزامية : كتابة البرنامج كاملاً داخل main | استعمال حلقة واحدة فقط | يمنع استعمال المصروفات، 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, S, A;
    printf("enter num of students");
    scanf("%d", &N);
    printf("min attendance req");
    scanf("%d", &A);
    printf("absentee threshold");
    scanf("%d", &S); int P=0, D=0;
    int x;
    for (int i=1; i<=N; i++) {
        printf("enter num of attendance for student %d", i);
        scanf("%d", &x); printf("Num of students are %d", i);
        if (x < A) {P++;}
        else {D++;}
        printf("%d students are absent", P);
    }
    int T=0;
    T = D+P;
    printf("Total students is %d", T);
    printf("Present students are: %d, D");
    printf("Absent students are: %d, P");
    if (T >= S) printf("session valid");
    else printf("session cancelled");
    return 0;
}
```

Copy number : 20

1 / 3

تعليمات إلزامية : كتابة البرنامج كاملاً داخل main | يمنع استعمال المصفوفات، الدوال، break / continue | استعمال حلقة واحدة فقط

| Input reading: 3 pts | Initialization: 3 pts | Loop condition: 4 pts | Counters logic: 4 pts | Stop conditions: 3 | Final output: 3

```

#include <stdio.h>
int main()
{
    int x, A, S;
    int N //Total number of registered
    print f("Enter total number registered
    student N and student number");
    Scanf("%d,%d", &N, &x);
    write "The student is absent" if
    number of attended sessions < A;
    write "The student is present" if
    number of attended sessions > A;
    print f("Enter the number of
    attended sessions x 'student
    by student'");
    Scanf("%d,%d", &x, &A);
    print f("Present
    students, absent students");
    write "simulations STOP"
    if  $\sum x = N$   $\Rightarrow$  total present
    student number absent {S};
}

```

print f<< "Enter the number
 Ex. 2. where absent" ;
 Scansf "%d" & X ;
 Write "Session Valid" ;
 if nix absent LS ;
 {
 Write "Session canceled"
 if nix absent TS ;
 {
 Scansf "%d" & X absent
 {
 return 0 ;

Copy number : 21

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>
int main{
    int N, A, S, X, aps, ress;
    printf ("entre a total number of registered student ");
    scanf ("%d", &N);
    printf ("entre minimum attendance required ");
    scanf ("%d", &A);
    printf ("entre absence the threshold ");
    scanf ("%d", &S);
    printf ("entre the number of attended session ");
    scanf ("%d", &X);
    printf ("entre aps ");
    scanf ("%d", &aps);
    printf ("entre ress ");
    scanf ("%d", &ress);
    if (n < A){
        printf ("the student is considered absent");
    } else {
        printf ("the student is present ");
    }
    while (A == N && A == S) {
        if (X < A){
            S = N - 1;
        } else {
            X++;
        }
        if (aps <= S && ress >= A){
            printf ("session valide ");
        } else {
            ... . . .
        }
    }
}
```

Copy number :

22

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>
int main(){
    int N;
    int A;
    int S;
    printf("Enter Total number of registered students : ");
    scanf("%d", &N);
    printf("Enter number of minimum attendance requireds : ");
    scanf("%d", &A);
    printf("Enter number of absence threshold : ");
    scanf("%d", &S);
    for(int i=1; i <= N; ) {
        if(i == N) {
            break;
        }
        int x;
        int B = 0;
        int P = 0;
        printf("Enter the number of absence of student no.%d: ", i);
        scanf("%d", &x);
        if(i == N || B == S) {
            printf("Total processed students is %d\n", i);
            printf("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++;
            }
        }
        i++;
    }
    return 0;
}
```