

Copy number :

1

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

nput 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 member of N");
    scanf("%d", &N);
    printf("enter member of X");
    scanf("%d", &X);
    if (X >= A) {
        printf("the student is present");
    } else {
        printf("the student is absent");
    }
    for (i=1; i<N; i++) {
        while (S > T) {
            printf("how many student's id com ?");
            scanf("%d", &X);
            if (X >= A) {
                R++;
            } else {
                T++;
            }
        }
        if (S > T) {
```

```
    printf("prompt student %d ", A);
} else {
    printf("several student");
} else {
    printf("several student controlled");
}
return 0;
```

Copy number :

2

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,
    int i = 1;
    int present_student = 0;
    int absent_student = 0;
    int total_present_student = 0;
    int total_absent_student = 0;
    printf ("Enter the number registered
            student: ");
    scanf ("%d", &N);
    printf ("Enter the minimum attendance
            required: ");
    scanf ("%d", &A);
    printf ("Enter the absence threshold");
    scanf ("%d", &S);
    while (i <= N && S <= absent_student) {
        printf ("Enter the number of allend
                sessions: ");
        scanf ("%d", &X);
        if (X < A) {
            printf ("The student is absent.");
            scanf
            absent_student++;
        } else {
            printf ("The student is present.");
            present_student++;
        }
    }
}
```

(~~main~~)  
i++;  
printf ("the number of student is
 %d\n", i);  
printf ("the present student are:
 %d\n", present\_student);  
printf ("the absent student are:
 %d\n", absent\_student);  
}  
printf ("the total number of
 ~~absent~~ present is : %d\n",
 present\_student);  
printf ("the total number of
 absent is : %d\n",
 absent\_student);  
if (absent\_student > S)
 {  
 printf ("session valid");  
}  
else {  
 printf ("session cancelled");  
}  
return 0;

Copy number :

3

تعليمات الزامية : 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

```
# include <stdio.h>
int main() {
    int N, A, S; i = 0; j = 0;
    scanf("%d", &N);
    if (x < A) {
        printf("The student is absent");
    } else {
        printf("The student is present");
        scanf("Enter the number of present students");
        Scanf("%d", &i);
        scanf("Enter the number of absent students");
        for (i = 1; i <= N; i++) {
            printf("Enter the number of present students is: %d");
            Scanf("%d", &S);
            Scanf("%d", &j);
            for (j = 1; j <= N; j++) {
                printf("The number of absent student is: %d");
                scanf("Enter the number of absent students is: %d");
            }
            printf("Total processed students is: %d, %d, %d", i, j, i+j);
            if ((j+i) == N && i == S) {
                printf("The session valid");
            } else {
                ("The session cancelled");
            }
        }
    }
}
```

Copy number :

4

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

Exo :

```
include( stdio . h )
int main( ) {
    int N , A , S ;
    char valid , cancelled ;
    printf ( " Enter the number of registered
    students : " , N );
    scanf ( "%d" , & N );
    printf ( " Enter the min attendance
    required : " , A );
    scanf ( "%d" , & A );
    printf ( " Enter the absence
    threshold : " , S );
    for ( i = A ; i <= A ; i ++ ) {
        printf ( " Enter x " );
        scanf ( "%d" , & x );
        if ( x < A ) {
            printf ( " the student is absent " );
        } else {
            printf ( " the student is present " );
        }
        if ( the absent students = S ) {
            printf ( " Session cancelled " );
        }
    }
}
```

```
else {
    printf ( " Session Valid " );
}
return 0;
}
```

Copy number :

5

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, n;
    scanf ("%d", &N);
    printf ("the total number of registered students");
    scanf ("%d", &A);
    printf ("the minimum attendances required");
    scanf ("%d", &S);
    printf ("the absence threshold");
    Do {
        scanf ("%d", &n);
        printf ("the number of attended sessions");
        if (n < A) {
            printf ("the student is absent");
        } else {
            printf ("the student is present");
        }
    } while ((n != N) || (n == S));
    return 0;
}
```

Copy number :

6

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, B, i, j, c = 1;
    printf("Enter total number of registered students %d\n");
    scanf("%d", &N);
    printf("Enter minimum attendance required %d\n");
    scanf("%d", &A);
    printf("Enter Absence thresholds %d\n");
    scanf("%d", &S);
    printf("Enter the number of attend session %d\n");
    scanf("%d", &x);
    printf("Enter number of absences %d\n");
    scanf("%d", &B);
    while (i <= N & & B < S)
    {
        printf("Enter number present %d\n");
        if (x < A)
            printf("Absent");
        else
            printf("Present");
        i++;
    }
    printf("present = %d\n", i);
    Absence = N - Present;
    printf("Absence = %d\n", Absence);
    printf("Absent = %d\n", Absence);
    printf("Enter B number of Absence\n");
    scanf("%d", &B);
    printf("Enter P number of present\n");
    scanf("%d", &P);
    if (P > B)
        printf("session valid");
    else
        printf("session canceled");
    return 0;
}
```

Copy number :

7

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

in cloud « studio h » .

int main .

printf .

printf << entre A >> .

int

printf << entre B >> .

int

printf << entre C >> .

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, i;
    printf ("enter the student number");
    S = 0;
    n = 0;
    for (i = 1; i <= N; i++) {
        if (x < A) {
            S = S + i;
        }
    }
    printf ("Enter the minimum attendance required");
    scanf ("%d", & A);
    if (S > A) {
        printf ("session cancelled");
    }
    else {
        printf ("Session valid");
    }
    return 0;
}
```

Copy number :

9

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; // absent-student, absent, present;  
int presentStudents, absentStudents; // presentStudents, absentStudents;  
printf ("Total number registered students:");  
scanf ("%d", &N);  
printf ("minimum attended required:");  
scanf ("%d", &A);  
printf ("absence threshold:");  
scanf ("%d", &S)

if (X < A) {

printf ("the student is absent", absent);  
else  
printf ("the student is present", present);

presentStudents = ++present  
absentStudents = ++absent;

printf ("presentStudents", presentStudents);  
printf ("absentStudents", absentStudents);

for (presentStudents >= N && absentStudents <= S); {

printf ("sessions valid");

while (presentStudents < N && absentStudents > S); {

printf ("Session cancelled");

}

return 0;

Copy number :

10

تعليمات إلزامية : كتابة البرنامج كاملاً داخل main | استعمال حلقة واحدة فقط | يمنع استعمال المصفرفات، 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 the N ");
    scanf (" N is total number of
            registered students ");
    printf (" Enter the A ");
    scanf (" A is minimum attendance required ");
    printf (" Enter the S ");
    scanf (" S is absence threshold ");
    printf (" Enter the X ");
    Secondly (" X is the total the number of offered sessions ")
    if ( " X < A the student is absence " ) {
        printf (" Enter the student's present , the student's absence ")
        3
    }
    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>
#include <stdlib.h>
int main()
{
    int N, A, S;
    printf("Enter the total number of registered students", N);
    scanf("%d", &N);
    printf("Enter the minimum attendance required", A);
    scanf("%d", &A);
    printf("Enter the absence threshold", S);
    scanf("%d", &S);
    x = Read the number of attended session; scanf
    if (x=0; x<A; x++);
    printf("the student is considered absent");
    else,
        printf("the student is present");
    }
    { if ("all students are processed or the number of absent students reaches")
        printf("Simulation stops");
        printf("Enter the total processed students", N);
        printf("Enter the number of absent students of present students");
        if (N=0, N<S, N++);
        printf("The session concluded");
        else,
            printf("The session valid");
    }
    return 0;
}
```

Copy number :

19

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;
    int s, x;
```

```
    printf ("enter the total number of registered students:");
    scanf ("%d", &N);
    printf ("enter the minimum attendance required:");
    scanf ("%d", &A);
    printf ("enter the absence threshold:");
    scanf ("%d", &s);
    if (x < A) {
        printf ("Absent");
    } else {
        printf ("Present");
    }
    for (int x = N/s; x < A; x++) {
        printf ("Present");
        N++;
    }
    return 0;
```

Copy number :

13

تعليمات الزامية : 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;
int X;
printf("enter the number of attended session");
scanf("%d",&X);
if(X<A){
    printf("absent student");
}
else{
    printf("present student");
}
```

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, N, X;
    int present = 0;
    int absent = 0;
    int i = 1; processed = 0;
    printf("Enter The total numbers of regised students");
    scanf("%d", &N);
    printf("Enter The minimum attendance required");
    scanf("%d", &A);
    printf("Enter The absence threshold");
    scanf("%d", &S);
    while (i <= N && absent < S) {
        printf("Enter The numbers of attended session");
        scanf("%d", &X);
        if (X < A) {
            printf("The student is absent");
            absent++;
        } else {
            printf("The student is present");
            present++;
        }
        printf("present students");
        printf("absent students");
        i++;
    }
}
```

Copy number :

15

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;
    int X;
    int p = 0;
    int b = 0;
    printf ("total number of Students : ");
    scanf ("%d", &N);
    printf ("minimum attendance required : ");
    scanf ("%d", &A);
    printf ("absence threshold : ");
    scanf ("%d", &S);
    For (int i = 1; i <= N; i <= (b == S); i++) {
        printf ("Student %d : ", i);
        printf ("number of attended sessions : ");
        scanf ("%d", &X);
        if (A > X) {
            printf ("student is absent \n");
            b = b + 1;
        } else {
            if (A <= X) {
                printf ("student is present \n");
                p = p + 1;
            }
        }
        printf ("absent students %d \n", b);
        printf ("present students %d \n", p);
        if (A <= (b == S)) {
            printf ("the number of absent sessions S : %d \n", S);
        } else {
            printf ("session canceled \n");
        }
        printf ("session valid \n");
    }
    return 0;
}
```

Copy number :

١٦

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

```
#include <stdio.h>
int main () {
    int N, A, S, P, a, n, i, X
    printf ("Enter the Total number registered Student : ");
    scanf ("%d", &N);
    printf ("Enter The minimum attendance required : ");
    scanf ("%d", &A);
    printf ("The Absence threshold: ");
    scanf ("%d", &S);
    For (i = 0 ; n ; i++)
        if (X < A)
            printf ("The Student is Absent : ");
        else
            printf ("The Student is Present : ");
        P = N - (X < A)
        printf ("The Number of students present is %d ", P);
        a = N - (P) = S
        printf ("The Number of students absent is %d ", a);
        n = N - (P + a)
        printf ("The Number of Total processed Students is %d ", n);
        if (n <= S)
            printf ("This Session is Valid : ");
        else
            printf ("The Session is Cancelled : ");
    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

```
int main () { input, output  
    int ( N, A, S, x, i );  
    printf ( N: A < x );  
    Scanf ( N, A );  
    Scanf ( N, x );  
    if ( n < i = 6 )  
        continue  
    if ( all n = s )  
        stop
```

Copy number :

18

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;
    int x;
    int i = 0;
    Present = 0, Absent = 0;

    printf ("Enter the Total num of student N : ");
    scanf ("%d", &N);

    printf ("Enter minimum attendance A : ");
    scanf ("%d", &A);

    printf ("Enter absence threshold S : ");
    scanf ("%d", &S);

    while (i < N && absent < S) {
        printf ("Enter attended sessions for student %d : ", i + 1);
        scanf ("%d", &x);

        if (x < A) {
            printf ("the student is absent ++");
        } else {
            printf ("the student is Present ++");
        }

        printf ("Step d → Present : %d | Absent : %d ", i, present, absent);
        printf ("\n");

        printf ("Total Processed students : %d ", i);

        printf ("Present students : %d ", Present);
        printf ("Absent students : %d ", Absent);

        return 0;
    }
}
```

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 k, t, S; int g=0, l=0, X;
    printf ("Enter k: ");
    scanf ("%d", &k);
    printf ("Enter t: ");
    scanf ("%d", &t);
    printf ("Enter S: ");
    scanf ("%d", &S);

    for (i=0; (i < k) || (i < S = g); i++) {
        printf ("number of attended session student %d, i+1");
        scanf ("%d", &X);
        if (X < t) {
            printf ("student %d absent", i+1);
            g++;
        } else {
            printf ("student %d present", i+1);
            l++;
        }
    }

    printf ("Students present is %d", l);
    printf ("Students absent is %d", g);
    if (l < g) {
        printf ("Session Valid");
    } else {
        printf ("Session Cancelled");
    }
    return 0;
}

```

Copy number :

90

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;
    printf ("Enter your N");
    scanf ("%d", & N);
    int A;
    printf ("Enter your A");
    scanf ("%d", & A);
    int S;
    printf ("Enter your S");
    scanf ("%d", & S);
    int i;
    for (i = 0; i < N; i++) {
        int n;
        printf ("Enter your n");
        scanf ("%d", & n);
        if (n < A) {
            printf ("The student is Absent"); Absent 3
        } else {
            printf ("The student is present"); Present 3
        }
    }
    int present_student = N - S; 3
    printf ("%d", present_student);
    int Absent_student;
    scanf ("%d", & Absent_student);
    - present_student = N - S;
    - Absent printf ("The number of present student is %d", present_student);
    - Absent student = N - present student;
    printf ("The number of present student is %d", Absent_student);
    if (present_student = N) { Aleph
        printf ("Number valid"); 3 Page 2
    } else {
        printf ("Number invalid");
    }
}
```

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;
    int X; i=0; sum=0, tot=0;
    printf("enter the num of students");
    scanf("%d", &N);
    printf("enter the num of minimum attendance required");
    scanf("%d", &A);
    printf("absence threshold");
    scanf("%d", &S);
    while (i < N || sum == S) {
        printf("enter the num of attendance sessions");
        scanf("%d", &X);
        if (X < A) {
            sum = sum + 1;
            printf("%d is absent", i);
        }
        else {
            tot = tot + 1;
            printf("%d is present", i);
        }
        i++;
    }
    printf("The num of students that are present is %d", tot);
    printf("The num of students that are absent is %d", sum);
    if (sum > tot) {
        printf("The exame concelled");
    }
    else {
        printf("The exame valide");
    }
    return 0;
}
```

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, A, S, X;
    printf("Enter the total number of registered students = ");
    scanf("%d", &N);
    printf("Enter the number of the minimum attendance required = ");
    scanf("%d", &A);
    printf("Enter the number of absence threshold = ");
    scanf("%d", &S);
    for (i=1, i==N // i==S, i++) {
        printf("Enter the number of attended sessions = ");
        scanf("%d", &X);
        if (X < A) {
            printf("the student is absent");
        } else {
            printf("the student is present");
        }
    }
    if (Present > absent) {
        printf("the session valid");
    } else {
        printf("the session cancelled");
    }
    return 0;
}
```

Copy number : 23

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, S, X, A, present\_students, absent\_students, total\_processed\_students, student\_validation;

Bool session\_validation;

scanf("%d %d %d %d", &N, &S, &X, &A);

while (~~(x <= A) P~~ ~~(x <= A)~~) {

~~printf("the student is present") ;~~

→ while (x < A) {

printf("the student is absent");

if (\*N == total\_students - validation) then

\* printf ("the .

printf ("the total processed student is %d", total\_processed\_students);

printf (" present students is %d", present\_students);

\* printf (" absent students is %d", absent\_students);

printf (" the final session is %d, session validation);

return 0;

}

Copy number : 24

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, K, P=0, ABS=0, C=0;
    printf("Enter the value of All Student \n");
    scanf("%d", &N);
    printf("Enter the min value of ABS-S \n");
    scanf("%d", &A);
    printf("Enter the value of Absence threshold \n");
    scanf("%d", &K);
    scanf("%d", &S);
    while (N > 0)
    {
        printf("Enter the Number of Sessions of Student %d \n", N);
        scanf("%d", &X);
        If (X < A) ABS++;
        else P++;
        C++;
        printf("Number of Student %d \n", N);
        printf("Number of Student ABS = %d \n", ABS);
        printf("Number of Student present %d \n", P);
        If (S == ABS || C == K)
        {
            N = -N;
        }
    }
    printf("the Number of process Student = %d \n", C);
    printf("the Number of ABSENT Students = %d \n", ABS);
    printf("the Number of present Student \n = %d \n", P);
    If (S == ABS) printf("This exam is cancelled");
    else printf("this exam is valid");
    return 0;
}
```