

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;
    int P = 0, b = 0;
    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);

    while (P != N && b != S) {
        printf ("enter the number of attended sessions x");
        scanf ("%d", &x);
        if (x < A) {
            b = b + 1;
        } else {
            P = P + 1;
        }
        if (b == S) {
            printf ("%d, Presents", "%d absent", P, b);
            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 <stdio.h>
#include <stdlib.h>
int N, A=5, S, X;
printf("Enter total number of registered students: ");
scanf("%d", &N);
printf("Enter absence threshold: ");
scanf("%d", &S);
for (int i = 1; i <= 20; i++) {
    printf("Enter the number of attended sessions: ");
    scanf("%d", &X);
    if (X < A) {
        printf("student is absent.");
        else
            printf("student is present.");
    }
    if (S > N) {
        printf("the student is in the list of the absent students.");
        else
            printf("the student is in the list of the present students.");
    }
    printf("Student number is: ");
    printf("present students is: ");
    printf("absent students is: ");
    if (S > N) {
        printf("the session is cancelled.");
        else
            printf("the session is valid.");
    }
}
```

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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;
    int i, count1=0, count2=0;
    printf ("Enter N, A, S :");
    scanf ("%d %d %d", &N, &A, &S);
    for (i=1; i <= N; i++) {
        scanf ("%d", &X);
        if (X < A) {
            printf ("%d", i);
            printf ("The student ");
            absent");
            count1 = count1 + 1;
            printf ("Absent Student=%d", count1);
        }
        else {
            printf ("%d", i);
            printf ("The student present");
            count2 = count2 + 1;
            printf ("present Student=%d", count2);
        }
    }
    if ("count1 >= S")
        printf ("Simulation stops");
    if (count1 < S)
        printf ("Session valid");
    else
        printf ("Session cancelled");
    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: 3 pts | Initialization: 3 pts | Loop condition: 4 pts | Counters logic: 4 pts | Stop conditions: 3 | Final output: 3

1)

#include <stdio.h>

```
int main () {
```

```
int N, A, S;
```

```
int Student [N], d=0, L=0, i=0;
```

```
printf ("Enter the total number of registered student N");
```

```
printf ("Enter the minimum attendance required A");
```

```
printf ("Enter the absence threshold S");
```

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

```
for (i=0; i < N; i++) {
```

```
scanf ("%d", &Student [i]);
```

```
if (x > A) {
```

الطلاب الغائبين

```
printf ("the student is absent %d", Student [i]);
```

```
d += 1; }
```

```
else {
```

الطلاب حاضرين

```
printf ("the student is present %d", Student [i]);
```

```
L += 1; }
```

```
printf ("%d", Student [i]); }
```

```
printf ("d = %d", d); // العدد الحاضرين
```

```
printf ("L = %d", L); // العدد الغائبين
```

```
if (d > S) {
```

```
printf ("lesson failed"); }
```

```
else {
```

```
printf ("lesson can be held"); }
```

```
return 0;
```

Copy number :

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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, X, absent, present,
        printf ("Enter the student's number", N);
        scanf ("%d", &N);
        printf ("Enter the minimum attendance required", A);
        scanf ("%d", &A);
        printf ("Enter the absence threshold", S);
        scanf ("%d", &S);
    For (i = 1; i <= n; i++) {
        scanf ("%d", &X);
        if (X < A) {
            absent = absent + 1;
        } else {
            present = present + 1;
        }
        printf ("Present students are: %d", present);
        printf ("Absent students are: %d", absent);
    }
    if (N = absent + present || absent = S) {
        printf ("Stop the program");
    }
    if (absent > 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 <stdio.h>
int main() {
    int N, A, S, X, absent, present;
    printf("Enter total number of registered students : "N);
    scanf("%d", &N);
    printf("Enter the minimum attendance required \n", A);
    scanf("%d", &A);
    printf("Enter absence threshold \n", S);
    scanf("%d", &S);
    for (i = 1 ; i <= n ; i++) {
        scanf("%d", &X);
        if (X < A) {
            absent = absent + 1;
        } else {
            present = present + 1;
        }
        printf("present student are: %d", present);
        printf("absent student are: %d", absent);
    }
    if (N = absent + present || present) {
        printf("Stop the program");
    }
    if (absent > 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;
    int x;
    int present=0, absent=0;
    int i=0;
    printf ("Enter total numbers: ");
    scanf ("%d", &N);
    printf ("Enter minimum attendance: ");
    scanf ("%d", &A);
    printf ("Enter absence threshold: ");
    scanf ("%d", &S);
    while (i < N && absent < S)
    {
        printf ("Enter attendence for student %d: ", i+1);
        scanf ("%d", &x);
        if (x < A);
            absent++;
        else {
            present++;
        }
        i++;
    }
    printf ("Present = %d", present);
    printf ("Absent = %d; Present = %d", absent, present);
    if (absent == S);
        printf ("Session canceled");
    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 the number of attended sessions:");
    scanf("%d", &X);
    if(X < A)
        printf("the student is absent");
    else
        printf("the student is present");
    for(N = the total number of registered students) {
        student number;
        present students = N - absent students;
        absent students = N - present students;
    }
    if(X > S)
        printf("session valid");
    else
        printf("session cancelled");
    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 >
#include < stdio.h >

int main()
{
    int N, A, S, P;
    int X, B=0, P=0;
    printf("enter the number of registered students");
    scanf("%d", &N);
    printf("enter the minimum attendance required");
    scanf("%d", &A);
    printf("enter the absence thresholds");
    scanf("%d", &S);

    for(i=0; i < N || B == S; i++)
    {
        printf("enter the number of attendance of student %d", i);
        scanf("%d", &X);
        if (X < A)
            B++;
        else
            P++;
    }

    printf("number of students %d, \n present student %d \n
           absent student %d", i, P, B);
}

printf("total of passed students is %d", i);
printf("Impresent students are %d", P);
printf("Absent student are %d", B);

if (B < P)
    printf("In session valid");
else
    printf("In session cancelled");

return 0;
```

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;
    int x;
    int present = 0, absent = 0;
    int i = 0;
    printf ("Enter N (total students) : ");
    scanf ("%d", & N);
    printf ("Enter A (minimum attendance) : ");
    scanf ("%d", & A);
    printf ("Enter S (absent threshold) : ");
    scanf ("%d", & S);
    while (i < N & & absent < S) {
        i++;
        printf ("Student %d attended sessions\n", i);
        scanf ("%d", & x);
        if (x < A) {
            absent++;
        } else {
            present++;
        }
        printf ("Step %d :\n", i);
        printf ("present = %d\n", present);
        printf ("absent = %d\n", absent);
    }
    printf ("Final results :\n");
    printf ("Processed students = %d\n", i);
    printf ("present students = %d\n", present);
    printf ("absent students = %d\n", absent);
    if (absent >= S) {
        printf ("Session cancelled\n");
    } else {
        printf ("Session valid\n");
    }
    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, n=0, m=0;
    printf("entre the number A, N, S");
    scanf("%d %d %d", &A, &N, &S);
    for (i=1; i<=N; i++)
        scanf("%d", &n);
    if (n < A){
        n++;
        printf("absent %d", n);
    } else {
        m++;
        printf("present %d", m);
    }
    sum1 = sum1 + 1;
}
else {
    printf("student not %d");
    sum2 = sum2 + 1;
}
if (sum1 > sum2) {
    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 break / continue | يمنع استعمال المصفوفات، الدوال،

| 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, X, A, S, L=0, M=0;
    printf("Type a number Total");
    scanf("%d", &N);
    printf("Type a number of A");
    scanf("%d %d", &A, &M);
    while(L > S & & L >= N){
        printf("the Number of attended");
        scanf("%d", &X);
        if(X < A){
            L = L + 3;
        } else {
            M = M + 1;
        }
        printf("the Student is absent");
        printf("the student is present");
        if(L > N){
            printf("Session valid");
        } else {
            printf("Session cancelled");
        }
    }
    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, f = 0, r = 0, i = 1; X;
    printf ("Total number of registered student: ");
    scanf ("%d", &N);
    printf ("minimum attendance required: ");
    scanf ("%d", &A);
    printf ("absence threshold: ");
    scanf ("%d", &S);
    while (r >= S) {
        printf ("%d", "the student %d", i);
        scanf ("%d", &X);
        if (X < A) {
            r = r + 1;
        } else {
            f = f + 1;
        }
        printf ("number of present %d", f);
        printf ("number of absent %d", r);
        if (A > f || r > 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, M = 0, L = 0, S, X, A;
    printf("enter The number
N, M, L ,S, X and A");
    scanf("%d", &N);
    scanf("%d", &M);
    scanf("%d", &L);
    scanf("%d", &S);
    scanf("%d", &X);
    while (X == A) {
        if (X == A) {
            M = N;
            printf("present students");
        } else if (X < A) {
            M = 0;
            printf("absent students");
        } else if (M == N) {
            M = N - L;
        }
    }
    printf("%d", M);
    else {
        L = N - M;
        printf("%d", L);
    }
    if (X < S) {
        printf("Session valid\n");
    } else {
        printf("Session cancelled\n");
    }
    return 0;
}
```

= M = الحاضرين  
العاشرين

: النتيجة

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

The correct of the exercise : examination attendance monitoring

# include <stdio.h>

int main () {

int n, a, S;

printf ("enter number : ");

for (j = 0, j <= n, j++); {

printf ("read the number of attended session n ");

if (n < A)

printf ("The student is considered absent");

else

printf ("The student is present");

j

if (n == 0)

printf ("all N student are processed and the number of absent student rechecks");

While ("N >= n")

present student = N - S

absent student = N - A

if (S > 5)

printf ("session cancelled")

else {

printf ("session valid").

j Scnf ("total number of student present and absent : %d\n");

j 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 the number of registered students\n");
    scanf("%d", &N);
    for (i=1; i<=N; i++) {
        scanf("%d", &X);
        if (X > A) {
            printf("The student is considered absent");
        } else {
            printf("The student is present");
        }
        if (X == S) {
            printf("Session cancelled");
        } else {
            printf("Session Valid");
        }
    }
    return 0;
}
```

Copy number :

١٧

تعليمات الـزامية : كتابة البرنامج كاملاً داخل main | استعمال حلقـة 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, i = 1;
    int X, present = 0, absent = 0;
    printf("total number of registered student", N);
    scanf("%d", &N);
    printf("minimum attendance required", A);
    scanf("%d", &A);
    printf("absence threshold", S);
    scanf("%d", &S);
    if(X < A)
    {
        absent++;
    }
    else
    {
        present++;
    }
    printf("Step %d/n", i);
    printf("present student %d/n", present);
    printf("Absent student %d/n", absent);
    i++;
}
printf(" present student %d/n", present);
printf("absent student %d/n", absent);
printf("Session valid");
printf("Session cancelled");
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;
    int Present = 0, Apsest = 0;
    int i = 0;
    scanf("%d", &N);
    scanf("%d", &A);
    scanf("%d", &S);
    while (i < N & Apsest < S) {
        scanf("%d", &X);
        if (X < A)
            Apsest++;
        else
            Present++;
        i++;
    }
    printf("Total students: %d\n", i);
    printf("Present students: %d\n", Present);
    printf("Absent students: %d\n", Apsest);
    if (Apsest >= S) {
        printf("Session canceled");
    } else {
        printf("Session valid");
    }
    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 N, A, S, X, P=0, i;
    // طبقاً لبيانات المعرفة في المقدمة، نطلب من المبرمج إدخال عدد الطالب و عدد الغيابات و عدد الحضور
    Scanf("%d%d%d", &N, &A, &S);
    for(int i=1; i<=N; i++) {
        printf("Entre the number of attended sessions %d", i);
        Scanf("%d", &X);
        if (X < A) {
            A++;
            printf("Absent Students is %d", A);
        } else {
            P++;
            printf("present Students is %d", P);
        }
        if (A == S) {
            printf("Session cancelled");
            return 0;
        }
    }
    printf("total processed Students is %d", i);
    printf(" present Students is %d", P);
    printf(" absent Students is %d\n", A);
    if (A <= S) {
        printf("Session Valid");
    } else {
        printf("Session cancelled");
    }
    return 0;
}

```

طبعاً المطلوب في كل خطوة يحتوي على شعار (أيهم غائب) بدلاً من (غائب) في خطوة كل خطوة طالب جديد يحتوي على شعار (أيهم غائب)

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

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, studentNumber=0, Attendance=0, Absence=0;
    // N is the number total, A is the min of classes, X the number of classes the student have
    printf("Enter the number total of students: ");
    scanf("%d", &N);
    printf("Enter the minimum classes attended by a single student: ");
    scanf("%d", &A);
    printf("Enter the absence threshold: ");
    scanf("%d", &S);
    while (studentNumber <= N) {
        printf("how many classes did the student attend? ");
        scanf("%d", &X);
        if (X < A) {
            printf("the student is counted as absent\n");
            Absence++;
        } else {
            printf("the student is present\n");
            Attendance++;
        }
        studentNumber++;
    }
    // Final output
    printf("%d were present\n", Attendance);
    printf("%d were absent\n", Absence);
    // Final status
    if (Absence < S) {
        printf("session valid\n");
    } else {
        printf("session invalid\n");
    }
    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, i, present = 0, absent = 0, a;
    printf("Enter the total number of registered students: ");
    scanf("%d", &N);
    printf("Enter the minimum attendance required: ");
    scanf("%d", &A);
    printf("Enter absent threshold: ");
    scanf("%d", &S);
    for( i = 1, i <= N, i++) {
        a = i;
        printf("the student number %d\n", i);
        printf("present students %d\n", present);
        printf("absent students %d\n", absent);
        printf("How many attended sessions:\n");
        scanf("%d", &X);
        if (X < A) {
            absent = absent + 1;
        } else {
            present = present + 1;
        }
        if (absent == S)
            i = N + 1;
    }
    printf( if (absent == S) {
        printf("%d", a); // proceed students if we reach S
    } else
        printf("%d", N); // proceed students normally
    printf("present students %d", present);
    printf("absent students %d", absent);
    if (present >= A && absent <= S)
        session valid;
    else
        session invalid;
    return 0;
}
```

Copy number :

٩٢

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, count1 = 0, count2 = 0; // count1: absent student
                                                // count2: Present student
    printf ("enter The Number of register Student :");
    scanf ("%d", &N);
    printf ("enter The minimum attendance required :");
    scanf ("%d", &A);
    printf ("enter absence Thre Shold :");
    scanf ("%d", &S);
    // X = 6
    for (i = 1; i <= N; i++) {
        if (A > X) {
            count1++;
            printf ("The student absent :");
        } else {
            count2++;
            printf ("The student Present :");
        }
        if (count1 == S) {
            printf ("Session not valid");
        } else {
            printf ("Session valid");
        }
    }
    printf ("total Processed Student is %d", N);
```

printf ("total of student Present : %d", count1);

printf ("total of the student absent : %d", count2);

- Return:

Copy number :

93

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 X; A; N; S; P; Q; S; i=1
for (i = 1; N = i + 1; i++) {
printf ("ادخل رقم الطالب : ");
scanf ("%d.%f");
printf ("ادخل عدد الدرجات التي حصلها الطالب : ");
scanf ("%d.%f");
if (*< A)
printf ("الطالب غائب : ");
a = i + 1
else, printf ("الطالب حاضر : ");
P = i + 1
printf (" / عدد الطلبة العاشرين = (%d/%d) : ");
printf (" / عدد الطالبة الخامسة = (%d/%d) : ");
if (S > = S)
printf (" لا متحان ضارع : ");
else printf (" لا متحان صاف : ");
return 0;
```

Copy number :

٢٤

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("read the number of attended sessions");
    scanf("%d", &X);
    while(X < A, the student is considered absent);
    else (the student is present);
    printf("cont: present student, absent student");
    if (all N student are processed or the number of absent student
        reaches S=stop) ;
    printf("stop number of present student & absent student");
    scanf("total processed student, present student & absent student");
    if (X > A, the session is valid);
    if (X < A, the session cancelled);
    return 0;
}
```

Copy number :

25

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 minimum attendance required : ");
    scanf ("%d", &A);
    printf ("enter the absence threshold : ");
    scanf ("%d", &S);
    x =
    if (x < A)
        | printf ("the student is considered absent");
        | absent
    else {
        | printf ("the student is present");
    }
    N - A = absent student;
    N - S : Session cancelled.

    while (x == n || x == s);
    | printf ("stop the programme")

    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 <stdio.h>
int main () {
    int N, A, S, X, i;
    int compteur1 = 0, compteur2 = 0;
    printf ("ادخل عدد الاجماعي للطلبة المسجلين ");
    scanf ("%d", &N);
    printf ("ادخل العدد الاجماعي للحضور المطلوب ");
    scanf ("%d", &A);
    printf ("ادخل ترتيب العينيات المطلوبة ");
    scanf ("%d", &S);
    for (i = 1; i <= N; i++) {
        printf ("عدد الطالب الذي ينتمي الى الـ ");
        scanf ("%d", &X);
        if (X < A) {
            printf ("الطالب خارج ");
        } else {
            printf ("الطالب حاضر ");
            compteur1 = 1 - compteur1;
            compteur2 = N - compteur2;
            printf ("%d", compteur1);
            printf ("%d", compteur2);
            if (compteur2 == S || N == N)
                printf (" لا يوجد طلاب ");
            if (compteur2 > compteur1) printf (" لا متىحان غير ماض ");
            else if (compteur1 > compteur2) printf (" لا متىحان ماض ");
        }
    }
}
```

تمام

Copy number :

٩٧

تعليمات الـزامية : 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, C, b;
    printf("enter the number of student: ");
    scanf("%d", &N);
    printf("enter minimum attendance required: ");
    scanf("%d", &A);
    printf("enter absence threshold: ");
    scanf("%d", &S);
    for (i=1; i <= N; i++) {
        X = X + 1;
        if (n < A) {
            printf("Student is Absent");
        } else {
            printf("student is present");
            C = N - b;
            if (C == S) {
                printf("Simulation stop");
            } else {
                printf("Simulation continue");
            }
        }
        printf("the number of present students is: %d\n");
        printf("the number of absent students is: %d\n");
        if (b > C)
            printf("session valid");
        else
            printf("session cancelled");
    }
    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 <stdio.h>
int main() {
    int N, A, S;
    printf("Entre les nombre");
    scanf("%d,%d,%d;N,A,S\n");
    while {
        printf("X<A");
        Scanf ("%d; X<A, S>X, i++ n\n");
    }
}
```

return 0

3  
3