

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 N, A, S, NA = 0, NP = 0, X;
    printf("enter the number of N and A and S");
    scanf("%d%d%d", &N, &A, &S);
    for (i = 1; i <= N; i++) {
        printf("enter the number of attended Session %d", i);
        scanf("%d", &X);
        if ("X < A") {
            NA = NA + 1;
        }
        else {
            NP = NP + 1;
        }
        printf("The number of present Students: %d", NP);
        printf("The number of Absent Students: %d", NA);
        if (NA > S) {
            printf("Session cancelled");
        }
    }
}

```

```
printf ("the number of present Students %.d", NP);  
printf ("the number of Absent Students %.d", NA);  
  
if (NP < 5) {  
    printf ("Session valid");  
}  
else {  
    printf ("Session cancelled");  
}  
  
set  
return 0;  
}
```

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```

#include <stdio.h>
int main () {
    int N, A, S, X, i;

    printf("Entre the number of attended sessions X");
    scanf("%d", &X);
    if (X < A) {
        printf("the student is absent");
    }
    else
        printf("the student is present");
    while (i < N) {
        absent = S
        while (i < N . absent < S) {
            printf("The number of attended sessions X");
            scanf("%d", X)
            if (X < A) {
                printf("the student is absent");
            }
            else
                printf("the student is present");
            i = i + 1
        }
    }
}

```



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```

#include <stdio.h>
int main() {
    int X, N, A, S, R=0, M=0, i=1;
    printf("enter total number of registered students:");
    scanf("%d", &N);
    printf("أدخل العدد الأدنى للدخول المطلوب :");
    scanf("%d", &A);
    printf("أدخل العتبة الغيابات المسموح بها :");
    scanf("%d", &S);
    for(i=1; i<=N; i++) {
        printf("أدخل عدد المصنف الذي دفعه الطالب :");
        scanf("%d", &X);
        if(X < A) {
            R = R + 1; // إذا كان طالب غائب يضيف 1 إلى عدد الطلبة غائبين
        }
        else {
            M = M + 1; // إذا كان طالب حاضراً يضيف 1 إلى عدد الطلبة حاضرين
        }
        printf("%d و رقم الطالب هو : %d", i, X);
        printf("M و عدد الطلبة الحاضرين : %d", M);
        printf("R و عدد الطلبة غائبين : %d", R);
    }
    printf("M و عدد الطلبة الحاضرين : %d", M);
    printf("R و عدد الطلبة الغائبين : %d", R);
    if (M == N || R < S) {
        printf("الإمتحان صالح");
    }
    else {
        printf("الإمتحان ملغى");
    }
    return 0;
}

```

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```
#include <stdio.h>
int main() {
    int N, A, S, X;
    printf("total number of registered student");
    scanf("%d", &N);
    printf("the minimum attendance req required");
    scanf("%d", &A);
    printf("absent threshold");
    scanf("%d", &S);
    printf("is you present write 1");
    scanf scanf("%d", &X);
```

~~(X < A) {~~  
~~printf("you~~

```
for (i=0; i <= N; i++) {
    i = x + i;
    if (x < A) {
        printf("the student is absent");
    }
    else {
        scanf("%d", &X);
    }
}
```

```
if (x == N 4 || x == S) {
```

```
    printf("the exam ended") }
```

```
else
```

```
    printf("total processed:%d", N);
```

```
    int Z;
```

```
    Z = N - x;
```

```
    printf("absent student (%d) %d", Z);
```



```

#include <stdio.h>
int main()
{
    int N, S, A;
    int x;
    int present-students = 0;
    int absent-students = 0;
    int total-processed = 0;
    printf("total processed student");
    scanf("%d", &N);
    printf("minimum attendance required");
    scanf("%d", &A);
    printf("absence threshold");
    scanf("%d", &S);
    while (current-step < N && absent-students < S)
    {
        current-step = current-students + 1;
        printf("/n current-step %d \n", current-step);
        scanf("%d", &x);
        if (x < 1)
        {
            absent-students = absent-students + 1;
        }
        else
        {
            present-students = present-student + 1;
        }
        printf("%d\n", current-step);
        printf("%d\n", present-students);
        printf("%d\n", absent-students);
    }
}

```

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

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```
printf("total processed students : %d\n", current - step);
printf("Final present - students : %d\n", presents - students);
printf("Final absent - students : %d\n", absents - students);
if (absent - students >= 5) {
    printf("Session cancelled \n");
} else {
    printf("Session valid \n");
} else
    return 0;
}
```

2/2.



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```

#include <stdio.h>

int main () {
    int A, N, S;
    int x;
    int o = عدد الطلبة الحاضرين ;
    int o = عدد الطلبة الغائبين ;
    int o = إجمالي الطلبة الذين أخذوا معاهم ;
    Printf ("Enter total number of student (N)");
    scanf ("%d", &N);
    Printf ("Enter A");
    scanf ("%d", &A);
    Printf ("Enter S");
    scanf ("%d", &S);

    while (total processed < S) {
        Printf ("Enter the number of attended session %d",);
        scanf ("%d", &x);
        if (x < A) {
            absent = absent + 1;
        } else {
            present = present + 1;
            Printf ("student %d : present",);
            Printf ("student %d : absent",);
            i = i + 1;
            N = N - 1;
        }
    }
}

```

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```
printf("total student processed: %d\n", i - 1);  
printf("present student = %d\n", present);  
printf("absent student = %d\n", absent);  
  
if (A <= 5) {  
    printf("session valid");  
} else {  
    printf("session cancelled");  
}  
  
return 0;
```