

```

#include <stdio.h>
int main() {
    int n, x, A, s, Present = 0, absent = 0, session;
    printf("entre number of students");
    scanf("%d", &n);
    printf("entre minimum attendance");
    scanf("%d", &A);
    printf("entre absence threshold");
    scanf("%d", &s);
    for(i = 1; i <= n; i++) {
        printf("entre number of attendance for the student  
number %d %d", i, x);
        if(x < A) {
            printf("the student number is absent");
            absent = absent + 1;
        }
        else {
            printf("the student is present");
            Present = Present + 1;
        }
        if(absent > s) {
            printf("max absence reached");
            return 1;
        }
    }
}

```

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

```
if (present > absent) {  
    session = 1;  
}
```

```
else {  
    session = 0;  
}
```

```
printf("the number of present students %d",  
       present);
```

```
printf("the number of absent students %d",  
       absent);
```

```
if (session)
```

```
printf("session valid");
```

```
else {
```

```
printf("session cancelled");
```

```
}
```

```
return 0;
```

```
}
```

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;
    int i, X, ab = 0, p = 0;
    printf("Enter the total 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 (i = 1; i <= N; i++)
    {
        printf("Enter the number of attended session for student: %d \n", i);
        scanf("%d", &X);
        if (X < A)
        {
            printf("the student is absent");
            ab = ab + 1;
        }
        else
        {
            printf("the student is present");
            p = p + 1;
        }
    }
    printf("the number of present student is: %d \n", p);
    printf("the number of absent students is: %d \n", ab);
}

```

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

```
if (i != N || a < 8)
{
    printf("the total number of present student is: %d \n", p);
    printf("the total number of absent students is: %d \n", ab);
    if (ab > p)
    {
        printf("session cancelled");
    }
    else
    {
        printf("Session valid");
    }
    else
    {
        printf("Simulation was stopped");
    }
    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 S, A, N;
int x;
int o = 0, c = 0;
printf("ادخل عدد الطلبة N : ");
scanf("%d", &N);
printf("ادخل الاموال التي للحضور : ");
scanf("%d", &A);
printf("ادخل قيمة التذاكر : ");
scanf("%d", &S);
while (S < A) {
    printf("المرتبة + 1 - الطالب دفع %d\n", x);
    scanf("%d", &x);
    if (x < A) {
        c++;
    }
    else {
        c++;
    }
    printf("مرتبة : %d\n", c);
    printf("حاضر : %d\n", c);
    printf("محتاج : %d\n", c);
}

```

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

```
{ (s = > 3) {  
    printf("هذه الحالة النهائية الامتحان ملغى")  
} else {  
    printf("هذه الحالة النهائية الامتحان صالح")  
}  
return 0;  
}
```

```

#include <stdio.h>

int main() {
    int N, A, S, X, i;
    printf("enter total number of registered students, N: ");
    scanf("%d", &N);
    printf("enter absence threshold, S: ");
    scanf("%d", &S);
    for (i = 1; i <= N; i++) {
        for (i = 0; i <= S; i++) {
            printf("enter the number of attended sessions, X: ");
            scanf("%d", &X);
            printf("enter a minimum attendance required, A: ");
            scanf("%d", &A);
            if (X < A) {
                printf("the students is absent");
            }
            else {
                printf("the students is present");
            }
        }
    }
}

```

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

```
printf( total processed students );
```

```
if( the students is presents ) {
```

```
printf( session valid );
```

```
else
```

```
printf( session cancelled );
```

```
}
```

```
return 0;
```

```
}
```