Copy 1

```
# include < stdio.h>
int main ( ) {
int N, A, S, J, T = 0 ;
i = 0 ; G = 0 ; Z ;
Scanf ( "%d", N ) ;
Scanf ( "%d", A ) ;
Scanf ( "%d", S ) ;
while ( T != S ) {
while ( i <= N ) {
int H = 0 ;
scanf ( "%d", & Z ) ;
For ( J = 0 ; J < Z ; J ++ ) {
int f ;
Scanf ( "%d", & f ) ;
if ( f == 1 )
H ++ ; }
if ( x < A )
T = T + 1 ;
els
G = G + 1 ; } i ++ ; }
Printf ( "%d", G ) ;
Printf ( "%d", T ) ;
Printf ( " ■■■■■■■■ ■■■■ " ) ;
}
Printf ( " ■■■■■■■■ ■■■ ■■■■ " ) ;
return 0 ;
}
```

Copy 2

```
# include <stdio.h>
int main ( ) {
int N, A, S ;
Printf ( " Enter The Number of The Students : " ) ;
Scanf ( " %d ", & N ) ;
For ( int i = 1 ; i <= N ; i ++ ) {
Printf ( " Enter The number of attended sessions = " ) ;
Scanf ( " %d ", & x ) ;
if ( x < A )
Printf ( " The Student is absent \n " ) ;
else
Printf ( " The student is present \n " ) ;
if ( N == i && N < S )
Printf ( " Stop Simulation " ) ;
else Printf ( " The total Students " ) ;
Scanf ( " %d ", & N ) ;
Printf ( " The present Studenth " ) ;
```

```
Scanf ( " %d ", & i ) ;
Printf ( " The absent Students " ) ;
Scanf ( " %d ", & S ) ;
if ( N > S )
Printf ( " The session is valid " ) ;
else
Printf ( " The session is cancelled " ) ;
return 0 ;
```

Copy 3

```
# include < stdio.h >
int main ( ) {
int N, A, S, P, C, x, M = 0 ;
printf ( " Enter the total number of registed students " ) ;
scanf ( " %d " & N ) ;
printf ( " Enter the minimum attendance required " ) ;
scanf ( " %d ", & A ) ;
printf ( " Enter the absence threshold " ) ;
scanf ( " %d ", & S ) ;
C = N ;
P = 1 ;
for ( i = 0 ; i < N || i != S ; i ++ ) {
printf ( " student number : %d ", P ) ;
P ++ ;
printf ( " Enter the number of attended session " ) ;
scanf ( " %d ", & x ) ;
if ( x < A )
C = C - 1 ;
M = N - C ;
printf ( " Present students : %d ", C ) ;
printf ( " absent students : %d ", M ) ;
{
printf ( " Present students : %d ", C ) ;
printf ( " absent students : %d ", M ) ;
if ( M < S )
printf ( " Session valide " ) ;
else
printf ( " Session cancelled " ) ;
return 0 ;
}
```

Copy 4

```
int main ( ) {
int N, A, S, B, n ;
printf ( " the number of present is : B ) ;
printf ( " Entre the total number of registred
```

```
students N " ) ;
scanf ( " %d ", & N ) ;
printf ( " the number of absente is : %d \n " ) ;
}
printf ( " Entre the minimum attendance
required A " ) ;
scanf ( " %d ", & A ) ;
if ( B > A || n < S )
print f ( " session valide " ) ;
printf ( " Entre the absence the sholds
S : " ) ;
scanf ( " %d ", & S ) ;
else
printf ( " session cancelled " ) ;
return 0 ; }
for ( int i = 1 ; i <= N ; i ++ ) {
printf ( " read the number of attended
sessions se : " ) ;
scanf ( " %d " & n ) ;
if ( x < A ) {
printf ( " the students is considered is absent " ) ;
else
printf ( " the students is considered is presnt " ) ;
}
B = B + n ;
n = N - B ;
```

Copy 5

```
# include < stdio.h >
int main ( ) {
int N, A - Sum Present = 0 ; Sum absent = 0 ; X ;
Printf ( " ■■■■■■■ ■■■■■ ■■■■■■■  " ) ;
do {
Scanf ( " %d ", X ) ;
if ( X < A ) {
Printf ( " ■■■■ ■■■■■ ■■■■■■■ " ) ;
Sum - absent = Sum absent - 1 ;
} else
if ( x > A ) {
Printf ( " ■■■■ ■■■■■■■ ■■■■■■■ " ) ;
Sum - bresent = Sum - bresent + 1 ;
} else i = i + 1 ;
while ( i <= N or Sum absent >= S ) {
if ( Sum absent < S ) {
Printf ( " ■■■■■■■■■ ■■■■■ " ) ;
} else
if ( Sum absent > S ) {
else Printf ( " ■■■■■■■■■ ■■■■ ■■■■■ " ) ;
```

```
}
return 0 ;
}
```

Copy 6

```
# include < stdio.h >
int main ( ) {
Var = N, i, A, S, x, iteger ;
Sum present = 0 ;
Sum apsent = 0 ;
scaf ( %d % , & A, & S ) ; i = 0 ;
Do {
Scanf ( %d , & N ) ;
Scanf ( %d, & x ) ;
if ( x < A ) {
Print f ( " ■■■■■■■ ■■■■■ " ) ;
Sum absent = Sum absent + 1 ; Print f ( Sum absent , " ■■■■ ■■■■■■■■■ " ) ;
Sum Present = Sum Present ; Print f ( Sum Present , " ■■■■ ■■■■■■■■■ " ) ;
} else
Print f ( " ■■■■■■■ ■■■■■ " ) ;
Sum Present = Sum present + 1 ; Print f ( " ■■■■ ■■■■■■■■■ " , Sum Present ) ;
Sum absent = Sum absent ; Print f ( " ■■■■ ■■■■■■■■■ ", Sum absent ) ;
while ( i <= N or Sum absent >= S ) }
if ( Sum absent >= S ) {
Print f ( " ■■■■■■■■■ ■■■■ ■■■■■ " ) ;
} else
Print f ( " ■■■■■■■■■ ■■■■ ■■■■■ " ) ;
}
return 0 ;
}
```

Copy 7

```
# include < studio.h >
int main ( ) {
int N, A, S, X, K=0, J=0, n,
While ( N != 0 & K != S ) {
prints ( " Entrer x " ) ;
scanf ( " %d " & x ) ;
if ( X < A ) {
prints ( " the student is considered abset " ) ;
J = J + 1 ;
else
prints ( " the student is present " ) ;
K = K + 1 ;
} }
prints ( " %d ; present students ", K ) ;
```

```
prints ( " %d ; alsent student ", S ) ;
prints ( " %d = %d + %d ", n = K + S ) ;
if ( K = S ) {
prints ( " session cancelled " ) ;
else
prints ( " session Valid " ) ;
}
} return 0 ;
```

Copy 8

```
# include <stdio.h>
# include <stdlib.h>
int main ( )
{ int N, A, S, F, E, Y, O, X ;
int i ;
else
{ printf ( " the student %d is present : \n ", i ;
E = E + 1 ;
printf ( " the number of absent students is : %d \n Y
printf ( " Enter the total number of
registered students : \n " ) ;
Scanf ( " %d ", &N ) ;
printf ( " Enter the minimum attendance
required : \n " ) ;
scanf ( " %d ", &A ) ;
printf ( " the number of present students is : %d \n, E
}
if ( Y == S ) // ■■■■ ■■■■■■■■
{ i = N ; }
}
printf ( " Enter the absence threshold " ) ; // ■■■ ■■■■■■ ■■■■■
scanf ( " %d ", &S ) ; // ■■ ■■■■■■■■ O = Y + E ;
for ( i = 1 ; i <= N ; i ++ )
printf ( " Total processed students
are : %d \n ", O ) ;
{ printf ( " Enter the number of attended
sessions of the student %d : \n " ) ;
scanf ( " %d ", &X ) ;
printf ( " the total number of absent
students are : %d \n ", Y ) ;
if ( X < A ) // ■■■ ■■■■■■ // ■■■ ■■■■■■
■■■■■■■■ ■■■■■■■■ F E
printf ( " the total number of present
students are : %d \n ", E ) ;
{ printf ( " the student %d is
absent : \n ", i ) ;
Y = Y + 1 ;
if ( Y > S )
```

```
printf ( " the number of absent student
is : %d \n ", Y ) ;
{ printf ( " the session is valid " ) ; }
else
printf ( " the number of present student
is : %d \n ", E ) ; }
{ printf ( " the session is cancelled " ) ; }
return 0 ;
}
```

Copy 9

```
# include < stdio.h >
int main ( ) {
int N, A, S, C, i, T ;
Print f ( " Enter the total number of registered students " ) ;
scanf ( " %d ", & N ) ;
Print f ( " Enter the minimum attend ance required " ) ;
scanf ( " %d ", & A ) ;
Print f ( " Enter absence threshold " ) ;
scanf ( " %d ", & S ) ;
T == N
for ( N = = 0 ; N >= T ) {
int x
print f ( " Enter the number of attendance session of the student " ) ;
scanf ( " %d ", & x ) ;
if ( x < A )
i == 0 ;
print f ( " the student is abssent " ) ;
i ++ ;
Print f ( " the number of absent student is : % d \n ", i ) ;
else
C == 0 ;
print f ( " the student is present " ) ;
C ++ ;
print f ( " the number of presert student is : % d \ n ", C ) ;
}
if ( i >= S )
print f ( " session con celled " ) ;
else
print f ( " session Valid " ) ;
Return 0 ;
}
```

Copy 10

```
# include < stdio.h >
int main {
```

```
int N, A, S, X ;
printf ( " enter N " ) ;
scanf ( " %d " &N ) ;
for ( i == 1, i <= N ; i ++ ) {
Printf ( " enter X " ) ;
Scanf ( " %d " & X ) ;
if ( X < A ) then {
C = C + A
printf ( " The student present " ) ;
} else if ( X > A ) [
C = C + 1 ;
printf ( " The student absent " ) ;
}
if ( S == S or N all processed ) then {
printf ( " simulation stop " ) ;
}
if ( A > S ) then {
printf ( " The session valid " ) ;
} else { printf ( " session cancelled " ) ;
}
return 0 ;
```

Copy 11

```
# include < stdio. h >
int main ( ) {
int N, A, S ;
Printf ( " Enter total number of registered students N " ) ;
scanf ( " % d " , & N ) ;
Printf ( " Enter minim um attendance required A " ) ;
Scanf ( " % d " , & A ) ;
Printf ( " Enter absence threshold S " ) ;
Scanf ( " % d " , &S ) ;
for ( i = 1, i <= N , i ++ ) ;
scanf ( " % d ", & n ) ;
if ( x < A ) {
m ++ ;
Printg ( " absent " , % d \ n " , m ) ;
} else {
n ++ ;
Printf ( " Present ", % d / n " , n ) ;
if ( m < S ) {
Printg ( " session valid " ) ;
} else
Printg ( " session cancelled \ n " ) ;
}
return 0,
```

Copy 12

```
# include < stdio. h >
int main ( ) {
int N, A, S, X ;
int n, p, a ;
int i = 1, countor 1 = 0, countor 2 = 0 ;
printf ( " Enter N : / n " ) ;
scanf ( " % d ", & N ) ;
while ( i <= N || ( a = s ) ) {
i == n
printf ( " student number n : " n ) ;
printf ( " Enter X, A " ) ;
scanf ( " % d % d ", & & X, A ) ;
if ( X < A ) {
printf ( " session canecelled " ) ;
countor 2 + = i ;
i ++ ; countor2 = = a ;
printf ( " abesent students : " a ) ; }
else X > A {
printf ( " session valid " ) ;
countor 1 + = i ;
i ++ ; countor1 = = P ;
printf ( " present students : " P ) ; }
}
return 0 ; }
```

Copy 13

```
Include < stdio.h >
int main ( ) {
int N, A, S, C = 0, B = 0, i, P, X ;
printf ( " Enter the tatal number of registerd students " ) ;
scanf ( " %d ", & N ) ;
print f ( " Enter the minimum attendance required " ) ;
scanf ( " %d ", & A ) ;
print f ( " Enter the absence threshold " ) ;
scanf ( " %d ", & S ) ;
while ( i <= N & & i < S ) {
switch :
case ( i ) ; {
Printf ( " Enter the number of attended sessions of student : ", " %d ", i ) ;
scanf ( " %d ", & X ) ;
IF ( X < A ) {
C = C + 1 ;
Else
B = B + 1 ;
}
Print f ( " case ", " %d ", i ) ;
Print f ( " the number of present students is : ", " %d ", B ) ;
Print f ( " the number of absent students is : ", " %d ", C ) ;
```

```
IF ( B >= A & & C < S )
Print f ( " Session Valid " ) ;
IF ( B < A & & C >= S )
Print f ( " Session cancelled " ) ;
}
}
P = B + C ;
Print f ( " the number of total processed students is : ", " %d ", P ) ;
return 0 ;
}
```

Copy 14

```
# include <stdio. h>
# include <stdlib. h>
# include <bool. h>
int main ( ) {
int N, A, S, X, i = 1, present - a = 0,
alsent - a = 0, processed - a = 0 ;
bool session - cancellad ;
printf ( " Enter number of registered
students : " ) ;
scanf ( " %d ", &N ) ;
printf ( " Enter the minimum
attendance required : " ) ;
printf ( " Enter the abosence threshold
: " ) ;
scanf ( " %d ", &S ) ;
while ( i <= N && absent - a != S )
{
printf ( " Enter number of attended
sessions for student %d : ", i ) ;
scanf ( " %d ", &X ) ;
if ( X < A )
{
alusent - a + = 1 ;
}
else
{
present - a + = 1 ;
}
printf ( " present students :
%d ", present - a ) ;
printf ( " alsent students :
%d ", alsent - a ) ;
processed - a + = 1 ;
if ( alsent - a = S )
{
sessican - cancelled = 1 ;
```

```
}
i ++ ;
}
printf ( " tatal processed students :
%d ", processed - a )
printf ( " present students : %d " ;
present - a ) ;
printf ( " alsent students : %d ",
alsent - a ) ;
if ( sessican - cancelled )
{
printf ( " session cancelled " ) ;
}
else
{
printf ( " session valid " ) ;
}
```

Copy 15

```
# include <stdio. h>
int main ( ) {
int i, N, A, S, X, Z = 0, V = 0 ;
Printf ( " Enter the number of student " ) ;
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 ++ ) {
while ( Z < S ) {
Printf ( " Enter the number of attender sessions %d : ", i ) ;
scanf ( " %d, & X ) ;
if ( X >= A ) {
V = V + 1 ;
Printf ( " the student %d is present ", i ) ; }
else ( X < A ) {
Z = Z + 1 ;
Printf ( " the student %d is absent ", i ) ; }
}
}
Printf ( " the number of student absent is : %d ", Z ) ;
Printf ( " the number of student present is : %d ", V ) ;
if ( V >= A ) {
Printf ( " session valid " ) ; }
else ( V < A ) {
Printf ( " session cancelled " ) ; }
return 0 }
```

Copy 16

```
# include < stdio . h >
int main ( ) {
int i, N, S, X, A ;
while
Scanf ( "%d %d %d %d %d %d"; &i &N &S &X &A ) ;
Printf ( N, S, X, A ) ;
for ( i=1 , i <= N ; i ++ ) {
printf ( " the number of student is : %d N ) ;
if ( X < A ) {
Printf ( " present Student " ) ;
} else {
printf ( " absent student " ) ;
} }
} if ( absent student = S ) {
Printf ( " Session cancelled " ) ;
} else {
printf ( " Session valid " ) ;
}
}
return 0
}
```

Copy 17

```
# include < Stdio.h >
int main ( ) {
int N, A, S, absent = 0 , present = 0 , i , x ;
printf ( " enter The Total number of Student " ) ;
scanf ( " %d " , &N ) ;
printf ( " enter The Minimum attendance Required " ) ;
scanf ( " %d " , &A ) ;
printf ( " enter The absence Thershlold " ) ;
scanf ( " %d , &S ) ;
for ( i = 1 ; i <= N ; i ++ )
{ printf ( " there is Till now : \n %d present counted \n %d absent counted ",
present, absent ) ;
printf ( " This is student number : % d , How Many sessions He attended ? ", i ) ;
scanf ( " %d ", &x ) ;
if ( x < A ) { absent -= ab sent + 1 }
else { present = present + 1 }
if ( absent == S ) { i = N + 1 ; }
}
printf ( " The Total processed student are : %d ", i ) ;
printf ( " The present student are : %d \n ", present ) ;
printf ( " The number of absent is : %d \n ", absent ) ;
if ( absent == S ) { printf ( " The session is canceled " ) ; }
else { printf ( " The session is Valid " ) ; }
```

Copy 18

```
# include < stdio.h >
int main ( ) [
int A, S, N ;
int sc, i = 1 ;
scanf ( " %d %d %d ", & sc & A & S ) ;
scanf ( " %d %d ", & i & N ) ;
for ( i = 1 ; i <= N ; i ++ )
{
if ( sc < A ) [
printf ( " the student is considered absent " ) ;
else
printf ( " the student is present " ) ;
}
If A > S [
printf ( " session valid " ) ;
else
printf ( " session cancelled " ) ;
}
}
return 0 ;
}
```

Copy 19

```
# include <stdio. h>
int N, A, S, X ;
int Z = 0 , M = 0 ; i = 1
int main {
printf ( " ( ■■■■■■ ■■■■■■■■■ ■■■■■■■ ■■■■■■■■■ " ) ;
scanf ( " % d " , N ) ;
printf ( " ( ■■■■■ ■■■■■■■ ■■■■■■■ ■■■■■■■■ " ) ;
scanf ( " % d ", A ) ;
print f ( " ( ■■■■■ ■■■■■■■■■ ■■■■■■■ ■■■■ " ) ;
scanf ( " % d ". S ) ;
for ( i = 1 , i = < N , i ++ ) {
printf ( " ( ■■■■ ■■■■■■ ■■■■■ ■■■■■■ ■■■■■■■ " ) ;
scanf ( " % d ", X ) ;
if ( X < A )
{ Z = Z + 1
else
M = M + 1
}
if ( Z = < S )
{ printf ( % d , i ) ;
print f ( % d " ■■■■ ■■■■■■■ ■■■■■■■■■ ■■ ", Z ) ;
print f ( % d " ■■■■ ■■■■■■■ ■■■■■■■■■ ■■ ", M ) ;
else
```

```
i == N + 1
print f ( " ■■■■■■■■ ■■■■ " ) ;
}
if ( i == N )
{ printf ( " ■■■■■■■■ ■■■■ " ) }
end for
}
return 0 ;
}
```

Copy 20

```
# include < stdio. h >
int main ( ) {
int N, A, S, x, i = 1, P, a ;
Printf ( " Enter N " ) ;
Scanf ( " % d " &N ) ;
Printf ( " Enter S " ) ;
Scanf ( " % d ", &S ) ; Printf ( " Enter A " ) ; Scanf ( " % d ", &A ) ;
while ( i < N , i ! = S ) {
Printf ( " Enter x " ) ;
Scanf ( "% d ", & x
if ( x < A ) {
P = P + i ;
i ++;
Printf ( " P = ", " ■■■ ■■■■■■ ■■■■■■■■ " ) ;
else
a = N - P ;
i ++ ;
Printf ( " a == " " ■■■ ■■■■■■ ■■■■■■■■ " ) ;
}
}
if ( P >= A ) {
Printf ( " ■■■■■■■■ ■■■■ " ) ;
else
Printf ( " ■■■■■■■■ ■■■■ " ) ;
}
return 0 ;
```

Copy 21

```
# include < stdio.h >
# include < stdlib.h >
int main ( ) {
int N, A, S, X, K, n, i = 0, Pi ;
printf ( " Enter the total number of registered s tudents " ) ;
Scanf ( " %d ", &N ) ;
printf ( " Enter the minimum attendance required " ) ;
```

```
scanf ( " %d ", &A ) ;
printf ( " Enter absence threshold " ) ;
scanf ( " %d ", &S ) ;
while ( N > 0 ) {
printf ( " Enter the number of student " ) ;
scanf ( " %d ", &K ) ;
printf ( " Enter ( read the number of attended sessions : x " ) ;
scanf ( %d , &x ) ;
if ( X < A ) {
printf ( " The student is absent " ) ;
else ( X > A ) {
printf ( " The student is present " ) }
for ( n = i + 1, i ++ ) ;
printf ( " Enter the total number of present students " ) ;
scanf ( " %d ", &n " ) ;
for ( P = i + s, i ++ ) ;
printf ( " Enter the total number of absent students " ) ;
scanf ( " %d ", &P ) ;
if ( P > n ) {
printf ( " Session cancelled " ) ;
else if ( n > P ) {
printf ( " Session Valid " ) ; } } }
return 0 ; }
```

Copy 22

```
# include <stdio. h>
int main ( ) {
int N, A, S, X, absence = 0, attended = 0, random = 1 ;
printf ( " enter the number of registered students " ) ;
scanf ( " %d ", &N ) ;
printf ( " enter the number of minimum attendance " ) ;
scanf ( " %d ", &A ) ;
printf ( " enter the number of absence threshold " ) ;
scanf ( " %d ", &S ) ;
for ( i = 1 ; i <= N && absence <= S , i ++ ) {
printf ( " enter the number of attended sessions for student %d \n ", i ) ;
scanf ( " %d ", &X ) ;
if ( X < A )
random = 0 ;
if ( ( random ) )
printf ( " the student %d has attended ", i ) ;
attended = attended + 1 ;
else
printf ( " the student %d is absent " ) ;
absence = absence + 1 ;
printf ( " attended = %d, absent = %d \n ", attended, absence ) ;
}
printf ( " Total attended : %d \n Total absence : %d \n " ,
```

```
attended, absence ) ;
if ( absence == S ) printf ( " session invalid " ) ;
else printf ( " session valid " ) ;
return 0 ;
}
```

Copy 23

```
# include < stdio.h >
int main ( ) {
int N, A, S, X, P ;
Print f ( " Enter X " ) ;
Scanf ( " %d ", &X ) ;
Scanf ( " %d ", &A ) ;
Scanf ( " %d %d ", &N, &S ) ;
While ( X < A ) {
S = S + 1
Print f ( " %d ", S ) ;
}
P = N - S
Print f ( " %d ", P ) ;
if ( P <= S ) {
Print f ( " Session Camcelled " ) ;
else
Print f ( " Session Valid " ) ;
}
return 0 ;
}
```

Copy 24

```
# include < stdio.h >
int main ( ) {
int A, N, S ; integers ;
printf ( " E xamination Attendence Monitoring " ) ;
scanf ( " %d %d %d ", &A, &N, &S ) ;
while ( x != A ) {
scanf ( " %d ", &n ) ;
if ( x < A ) {
i = i + 1
printf ( " the student is absent " ) ; }
else ( x > A ) {
i = i - 1
printf ( " the student is poresent " ) ; }
present stendent = N ; {
absnt stendent = A ; }
if ( N > S ) {
printf ( " session valid " ) ; }
```

```
else {
printf ( " session canselled " ) ; }
return 0 ; }
```