Copy 1

```
#include <stdio.h>
int main()
{
   int A, N, S, a;
   int x, i = 0, p = 0;
   printf("Enter the integer positive N: ");
   scanf("%d", &N);
   printf("Enter the minimum attendance required A: ");
   scanf("%d", &A);
   printf("Enter absence threshold S: ");
   scanf("%d", &S);
   printf("Enter the number of attended sessions x: ");
   scanf("%d", &x);
   if (x <A)
   {
       printf("the student is absent");
   }

   else
   {
       printf("the student is present");
   }

   while (x>= A)
   {
       p = p + 1;
       printf("%d", p);
       a = N - p;
   }

   printf("%d", A);
   if (p> A)
   {
       printf("Exam valid");
   }

   else
   {
       printf("Exam cancelled");
   }

   return 0;
}
```

Copy 2

```
#include <stdio.h>
int main()
{
   int N, A, S, X;
   printf("Enter Number of attended sessions: ");
   int i = 0, j = 0;
   while (i <= N || j <= S)
   {
       j++;
       i++;
       if (scanf("%d", &X) <= A)
       {
           printf("Number of Student Absent is %d", j);
       }

       else
       {
           printf("Number of Student Present is %d", i);
       }

   }

   b = N - i;
   c = N - j;
   printf("Number of All Student Absent is: %d", c);
   printf("Number of All Student Present is: %d", b);
   if (c>= S)
   {
       printf("Session cancelled");
   }

   else
   {
       printf("Session Valid");
   }

   return 0;
}
```

Copy 3

```
#include <stdio.h>
int main()
{
   int N, A, S, Np, Na;
   int i = 0;
   while (i <= N, i <S, i++)
   {
       i = i + 1;
       printf("the student number is: ", student_number);
       scanf("%d", &x);
       if (x <A)
       {
           printf("the student is absent");
           Na = N - A;
           printf("number of absent student is: ", Na);
       }

       else
       {
           printf("the student is present");
           Np = N - S;
           printf("number of present student is: ", Np);
       }

   }

   if (present_students> absent_students)
   {
       printf("session valid");
   }

   else
   {
       printf("session cancelled");
   }

   return 0;
}
```

Copy 4

```
#include <stdio.h>
#include <stdlib.h>
int main()
{
   int N, A, S;
   int id;
   printf("entre number of registered students: ");
   scanf("%d", &N);
   printf("minimum attendance required: ");
   scanf("%d", &A);
   printf("absence threshold: ");
   scanf("%d", &S);
   for (int i = 1; i <= N; i++)
   {
       id = i + 1;
       printf("%d", id);
       scanf("%d", &x);
       if (x <A)
       {
           printf("student is absent");
       }

       else
       {
           printf("student is present");
       }

   }

   if (student_absent == S)
   {
       printf("session cancelled");
   }

   else
   {
       printf("session valid");
   }

   return 0;
}
```

Copy 5

```
#include <stdio.h>
int main()
{
   int A;
   printf("entre A\n");
   scanf("%d", &A);
   int N;
   printf("entre N\n");
   scanf("%d", &N);
   int S;
   printf("entre S\n");
   scanf("%d", &S);
   int x, Absent, Present;
   int i, j;
   for (i = 0; i <= N; i++)
   {
       scanf("%d", &x);
       printf("x: %d", i);
       if (x <A)
       {
           printf("x is absent", Absent);
           Absent++;
       }

       else
       {
           printf("x is present", Present);
           Present++;
       }

   }

   printf("the Absent is: %d", Absent);
   printf("the Present is: %d", Present);
   if (Absent <S)
   {
       printf("valid");
   }

   else
   {
       printf("cancelled");
   }

   return 0;
}
```

Copy 6

```
#include <stdio.h>
int main()
{
   int N, A, S, x, i;
   printf("entre N, A, S: ");
   scanf("%d %d %d", &N, &A, &S);
   for (i = 1; i <= N; i++)
   {
       printf("entre x : ");
       scanf("%d", &x);
       if (x <A)
       {
           printf("student absent");
       }

       else
       {
           printf("student present");
       }

       i = i + 1;
       if (absent_count>= S)
       {
           printf("Exam valid");
       }

       else
       {
           printf("Exam cancelled");
       }

       return 0;
   }

}
```

Copy 7

```
#include <stdio.h>
int main()
{
   int N, A, S, X, absents, presents;
   printf("total students: ");
   scanf("%d", &N);
   printf("minimum attendance required: ");
   scanf("%d", &A);
   printf("absence threshold: ");
   scanf("%d", &S);
   while (i <= N)
   {
       scanf("%d", &x);
       printf("student = %d", i);
       if (x <A)
       {
           scanf("%d", &absents);
       }

       else
       {
           scanf("%d", &presents);
       }

   }

   printf("absents = %d", absents);
   printf("presents = %d", presents);
   if (absents>= S)
   {
       printf("session cancelled");
   }

   else
   {
       printf("session valid");
   }

   return 0;
}
```

Copy 8

```
#include <stdio.h>
int main()
{
   int a, s, n, tot = 0, pr = 0, ab = 0;
   printf("Enter N, A and S\n");
   scanf("%d %d %d", &n, &a, &s);
   int x = 1;
   for (int x = 1; x <= n; x++)
   {
       if (x> a)
       {
           printf("present\n");
           pr = pr + 1;
       }

       else
       {
           printf("absent\n");
           ab = ab + 1;
       }

       if (ab>= s)
       {
           printf("cancelled\n");
           break;
       }

       tot = tot + 1;
   }

   printf("present students = %d\n", pr);
   printf("absent students = %d\n", ab);
   printf("total processed students = %d", tot);
   if (x> a)
   {
       printf("valid session\n");
   }

   else
   {
       printf("cancelled session\n");
   }

   return 0;
}
```

Copy 9

```
#include <stdio.h>
int main()
{
   int N, A, S, X;
   int i, na = 0, np;
   printf("Enter the total number of registered students: ");
   scanf("%d", &N);
   for (i = 1; i <= N; i++)
   {
       printf("student %d", i);
       scanf("%d", &X);
       if (X <A)
       {
           na = na + 1;
       }

       else
       {
           np = np + 1;
       }

       if (i == N || na == S)
       {
           printf("stop the simulation");
           break;
       }

   }

   printf("present students is %d", np);
   printf("absent students is %d", na);
   if (na <= np)
   {
       printf("valid");
   }

   else
   {
       printf("cancelled");
   }

   return 0;
}
```

Copy 10

```
#include <stdio.h>
int main()
{
   int N, A, S, X, B = 0, P = 0;
   printf("enter total number of registered 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++)
   {
       printf("enter the number of attended session: ");
       scanf("%d", &X);
       if (X <A)
       {
           printf("student absent");
           B = B + 1;
           printf("absent students = %d", B);
       }

       else
       {
           printf("student present");
           P = P + 1;
           printf("present students = %d", P);
       }

       if (X <S)
       {
           printf("session cancelled");
       }

       else
       {
           printf("session valid");
       }

       return 0;
   }

}
```

Copy 11

```
#include <stdio.h>
int main()
{
   int i;
   printf("entre the N: ");
   scanf("%d", &N);
   printf("entre the A: ");
   scanf("%d", &A);
   printf("entre the S: ");
   scanf("%d", &S);
   while (i <= N)
   {
       i++;
       printf("%d", N);
       if (i> A)
       {
           printf("total present", i);
       }

       else
       {
           printf("S of", i);
       }

   }

   return 0;
}
```

Copy 12

```
#include <stdio.h>
int main()
{
   int N, A, S, X, student = 1, count = 0, absent, present;
   printf("Enter the total number of registered students: ");
   scanf("%d", &N);
   printf("Enter minimum attendance required: ");
   scanf("%d", &A);
   printf("Enter absence threshold: ");
   scanf("%d", &S);
   while (student <= N || count == 5)
   {
       printf("Enter number of attended sessions: ");
       scanf("%d", &x);
       if (x <A)
       {
           printf("Considered absent");
           count++;
       }

       else
       {
           printf("Considered Present");
           student++;
       }

   }

   absent = count;
   present = N - count;
   printf("number of present students: %d", present);
   printf("number of absent student: %d", absent);
   if (present <absent)
   {
       printf("Exam cancelled");
   }

   else
   {
       printf("Exam valid");
   }

   return 0;
}
```

Copy 13

```
#include <stdio.h>
int main()
{
   int A, N, 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 student: %d", n);
       }

       else
       {
           m++;
           printf("present student: %d", m);
       }

       if (m <S)
       {
           printf("Exam valid");
       }

       else
       {
           printf("Exam cancelled");
       }

   }

   return 0;
}
```

Copy 14

```
#include <stdio.h>
int main()
{
   int N, A, sc, m = 0, n = 0, S;
   printf("entre the total number of registered student: ");
   scanf("%d", &N);
   printf("entre the minimum attendance required: ");
   scanf("%d", &A);
   for (i = 1; i <= N; i++)
   {
       scanf("%d", &x);
       if (x <A)
       {
           m++;
           printf("absent student is %d", m);
       }

       else
       {
           n++;
           printf("present student is %d", n);
       }

   }

   printf("entre the absence threshold: ");
   scanf("%d", &S);
   if (m <S)
   {
       printf("session valid");
   }

   else
   {
       printf("session cancelled");
   }

   return 0;
}
```

Copy 15

```
#include <stdio.h>
int main()
{
   int N, A, S, i, X;
   int Sum1 = 0;
   int Sum2 = 0;
   printf("enter N: ");
   scanf("%d", &N);
   i = 1;
   while (i <= N || Sum1 == S)
   {
       printf("enter X: ");
       scanf("%d", &X);
       if (X <A)
       {
           printf("the student num %d: absent", i);
           Sum1 = Sum1 + 1;
       }

       else
       {
           printf("the student num %d: present", i);
           Sum2 = Sum2 + 1;
       }

       i++;
   }

   printf("%d %d", Sum1, Sum2);
   if (Sum1> Sum2)
   {
       printf("session cancelled");
   }

   else
   {
       printf("session valid");
   }

   return 0;
}
```

Copy 16

```
#include <stdio.h>
int main()
{
   int N, A, S;
   printf("enter total number of registered students: ");
   scanf("%d %d %d", &N, &A, &S);
   for (A = 1; A <= N; A++)
   {
       scanf("%d", &x);
       if (x <A)
       {
           printf("the student is absent");
       }

       else
       {
           printf("the student is present");
       }

       count++;
   }

   // simulation stops if (S <= A)
   {
       printf("Session cancelled");
   }

   else
   {
       printf("session valid");
   }

   return 0;
}
```

Copy 17

```
#include <stdio.h>
int main()
{
   int N, A, S, x, i, n = 0;
   int OS = 0;
   int PS = 0;
   printf("enter number de students\n");
   scanf("%d", &N);
   printf("enter minimum attendance required\n");
   scanf("%d", &A);
   printf("enter absence threshold\n");
   scanf("%d", &S);
   for (i = 1; i <= N; i++)
   {
       if (i <= N && OS <S)
       {
           printf("enter number of attended sessions\n");
           scanf("%d", &X);
           if (X <A)
           {
               OS = OS + 1;
           }

           else
           {
               PS = PS + 1;
           }

           printf("%d", OS);
           printf("%d", PS);
           printf("%d", i);
       }

       n = n + i;
   }

   if (n <S)
   {
       printf("Exam valid");
   }

   else
   {
       printf("Exam cancelled");
   }

   return 0;
}
```

Copy 18

```
#include <stdio.h>
int main()
{
   int N, A, S, OS, PS;
   printf("Enter N and A and S: ");
   scanf("%d %d %d", &N, &S, &A);
   for (int i = 1; i <= N; i++)
   {
       int n;
       scanf("%d", &n);
       if (n <A)
       {
           printf("The student absent");
       }

       else
       {
           printf("The student present");
       }

       if (n <A)
       {
           PS = PS + 1;
           printf("Number student present");
       }

       else
       {
           PS = PS + 1;
           printf("Number student absent");
       }

       if (N student are processed || absent student reaches)
       {
           printf("simulation stops");
       }

       if (O S = s)
       {
           printf("session valid");
       }

       else
       {
           printf("session Invalid");
       }

   }
```

```
    return 0;
}
```