Copy 1

```
#include <stdio.h>
int main()
{
   int S, N, A, n, L, m;
   printf("Enter the total of Student");
   scanf("%d", &N);
   while (N> 44)
   {
       printf("Enter n");
       scanf("%d", &n);
       n = 0;
       if (n <A)
       {
           printf("the Student is abzent");
       }

       else
       {
           printf("the Student in present");
       }

       int i = 0;
       m = n + i;
       L = n + i;
       if (m <A)
       {
           printf("the number of Student present");
       }

       else
       {
           printf("the number of Student abzent");
       }

       S = n;
       i++;
       if (L <S)
       {
           // End while
       }

       if (m> A)
       {
           printf("the session valid");
       }

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

```
        }

    }

    return 0;
}
```

Copy 2

```
#include <stdio.h>
int main()
{
   int N, A, S, x, sA, sP, sT;
   printf("Enter the total number of registred student : ");
   scanf("%d", &N);
   printf("Enter the minimum attendance required : ");
   scanf("%d", &A);
   printf("Enter the absents threshold : ");
   scanf("%d", &S);
   for (int i = 0; i <= N; i++)
   {
       printf("Enter x : ", i + 1);
       scanf("%d", &x);
       if (x <A)
       {
           printf("the student is absent.");
       }

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

       sP = N - x;
       sA = N - sP;
       printf("the student present students = %d", sP);
       printf("the absent students = %d", sA);
       if (x == N || x == S)
       {
           printf("simulation stops");
           sT = sP + sA;
           printf(" the total processed students = %d", sT);
           printf(" the present students = %d", sP);
           printf(" the absent students = %d", sA);
           // Final status: if (N <sA)
           {
               printf(" session cancelled!");
           }

           else
           {
               printf(" session valid");
           }

           return 0;
       }

   }
```

```
}
```

Copy 3

```
#include <stdio.h>
int main()
{
   int N, A, S;
   int x;
   int i;
   int Absence = 0, Presence = 0;
   printf("what is the total number of registered Students : ");
   scanf("%d", &N);
   printf("what is the minimum attendance required : ");
   scanf("%d", &A);
   printf("what is the absence threshold : ");
   scanf("%d", &S);
   for (i = 1; i <= N; i++)
   {
       printf("Student number %d", i);
       scanf("%d", &x);
       if (x <A)
       {
           Absence = Absence + 1;
       }

       else
       {
           Presence = Presence + 1;
       }

       printf("Present Students : %d\n", Presence);
       printf("Absent Students : %d", Absence);
       if (i == N || Absence == S)
       {
           if (Presence> Absence)
           {
               printf("Total processed Students : %d", i);
               printf("Present Students : %d", Presence);
               printf("Absent Students : %d", Absence);
               printf("Session Valid");
               break;
           }

           else
           {
               printf("Total processed Students : %d", i);
               printf("Present Students %d", Presence);
               printf("Absent Students : %d", Absence);
               printf(" Session Cancelled ! ");
               return 0;
           }
```

```
        }

    }

}
```

Copy 4

```
#include <stdio.h>
#include <math.h>
int main()
{
   int N;
   int A;
   int S;
   int i;
   printf("enter minimum attendance required");
   scanf("%d", &A);
   printf("enter the absence threshold");
   scanf("%d", &S);
   for (i = 1; i <= N; i++)
   {
       printf("enter the total number of students : \n");
       scanf("%d", &N);
       printf(". Students number %d : \n", i);
       i = i + 1;
       int x;
       scanf("%d", &x);
       printf(" Student number %d : %d", i, x);
       if (x <A)
       {
           printf("the Student is absent : \n");
       }

       else
       {
           printf("the Student is present \n");
       }

   }

   int present;
   int absent = N - present;
   printf(" the absent is %d", absent);
   int Sum;
   Sum = absent;
   if (present <S)
   {
       printf(" Stop program");
   }

   else if (N == N)
   {
       printf(" Stop program");
   }

   return 0;
```

```
}
```

Copy 5

```
#include <stdio.h>
int main()
{
   int N = 0;
   int A = 0;
   int S = 0;
   int X = 0;
   int i;
   int absent = 0;
   int present = 0;
   printf("Enter the number of registered students : ");
   scanf("%d", &N);
   printf("Enter the min attendance required : ");
   scanf("%d", &A);
   printf("Enter the absence threshold : ");
   scanf("%d", &S);
   for (i = 0; i <N; i++)
   {
       printf("enter the number of attended sessions : ");
       scanf("%d", &X);
       if (X <A)
       {
           printf("student %d is absent", i);
           absent++;
       }

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

       printf("student number : %d\n", i);
       printf("%d absent students\n", absent);
       printf("%d present students\n", present);
       if (absent>= S)
       {
           i = N;
       }

   }

   int processed = absent + present;
   printf("the total number of processed students is : %d", processed);
   printf("%d present students", present);
   printf("%d absent students", absent);
   if (absent>= S)
   {
       printf("valid Session");
```

```
    }

    else
    {
        printf("Cancelled Session");
    }

    return 0;
}
```

Copy 6

```
#include <stdio.h>
int main()
{
   int N, X, A, S, L = 0, M = 0, i = 0;
   printf("type total number of Students");
   scanf("%d", &N);
   printf("type the minimum of attendance required");
   scanf("%d", &A);
   printf("type the absence threshold");
   scanf("%d", &S);
   while ((L) <S && i <N)
   {
       printf("Student %d", i);
       scanf("%d", &X);
       if (X <A)
       {
           L++;
       }

       else
       {
           M++;
       }

       i++;
   }

   if (L == S)
   {
       printf(" the exame is cancelled ");
   }

   else
   {
       printf(" the exame is valid ");
   }

   printf(" number of Student total : %d ", N);
   printf(" number of Student absent : %d ", L);
   printf(" number of Student present : %d ", M);
   return 0;
}
```

Copy 7

```
#include <stdio.h>
int main()
{
   int n, A, S, S1 = 0, n1 = 0, x;
   printf("enter total numbre of registered students \n");
   scanf("%d", &n);
   printf("enter minimum attendance required \n");
   scanf("%d", &A);
   printf("enter absense threshold");
   scanf("%d", &S);
   for (int i = 0; i <= n; i++)
   {
       if (S1 <= S)
       {
           printf("the numbre of attended sessions x : \n");
           scanf("%d", &x);
           if (x <A)
           {
               S1 = S1 + 1;
               printf("student numbre: %d - Present students: %d - absent student: %d \n",
           }

           else
           {
               n1 = n1 + 1;
               printf("student numbre: %d - Present students : %d - absent student: %d \n"
           }

       }

       else
       {
           n = i;
       }

   }

   if (S1 == S || n1>= n)
   {
       printf("Session cancelled \n");
   }

   else
   {
       printf("Session valid \n");
   }

   printf("\n");
   return 0;
```

```
}
```