

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;
}
```