

```
#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;  
}
```