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#include <stdio.h>
int main()
{
    int N, A, S, X, P;
    printf("Enter N");
    scanf("%d", &X);
    scanf("%d", &A);
    scanf("%d %d", &N, &S);
    while (X < A)
    {
        S = S + 1;
        printf("%d", S);
    }

    P = N - S;
    printf("P = %d", P);
    if (P <= S)
    {
        printf("Session cancelled");
    }
    else
    {
        printf("Session Valid");
    }

    return 0;
}
```