What is the time complexity of the program for the sum of two matrices?

Step count method

```
void sum()
{
  int n, a[n][n],b[n][n],c[n][n],i,j; //--0
for(i=0;i<n;i++) //--n+1
  {
    for(j=0;j<n;j++) //--n+1
        {
        c[i][j]=a[i][j]+b[i][j]; //--n
        }
    }
}
f(n) = 0 + (n+1)*(n+1+n)
f(n) = (n+1)*(2n+1)
f(n) = 2n² + 3n + 1
f(n) = 0(n²)</pre>
```