Computation for C(n)=number of key comparisons

Computation for oc(n) = number of other comparisons

```
for k \leftarrow 1 to n - 1
   for i \leftarrow k+1 to n
is equivalent to
for(k=1;k \le n-1;k++)
  for(i=k+1;i <=n;i++)
                           (Number of other comparisons at
                           each iteration of outer loop)
k=1
         1 + (2 \text{ to } n+1)
                                     n+1
k=2
         1 + (3 \text{ to } n+1)
                                      n
k=n-1
         1+ (n \text{ to } n+1)
                                      3
                           +1 comparison for outer for loop
oc(n) = (n+1)+n+\dots+3+1
         = (n+1)+n+\dots+3+2+1-2
```

Computation for A(n) = number of assignments

=((n+1)(n+2)/2)-2

