```
Loop Invariant: S=i!
Initialization: S=1!
 fact (no) {
      5:=1
                                          Maintanance:
                                                     before ith iteration
S=i!
       while cic=no) do {
              S== Sxi
                                                     after ith iteration

S=(i+1)xi!= ci+1)!
              12=1+1
                                         Terminations
                                                      5= No!
Therefore:
+ EN0703 fact { 5= No!}
```