**APLICATII CU SUBPROGRAME**

1. ***Numar prim***

*set talk off*

*clear*

*input ‘N=’ to n*

*if prim(n)*

*? N, ‘ este prim’*

*else*

*? N, ‘ nu este prim’*

*endif*

*return*

*Function prim*

*parameters n*

*sw=.T.*

*for d=2 to int(sqrt(n))*

*if n% d=0*

*sw=.F.*

*endif*

*endfor*

**return sw**

1. **Factorialul unui numar**

*set talk off*

*clear*

*input ‘n=’ to n*

*? fact(n)*

*return*

*function fact*

*parameters n*

*if n=0*

*return 1*

*else*

*return n\*fact(n-1)*

*endif*