**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*