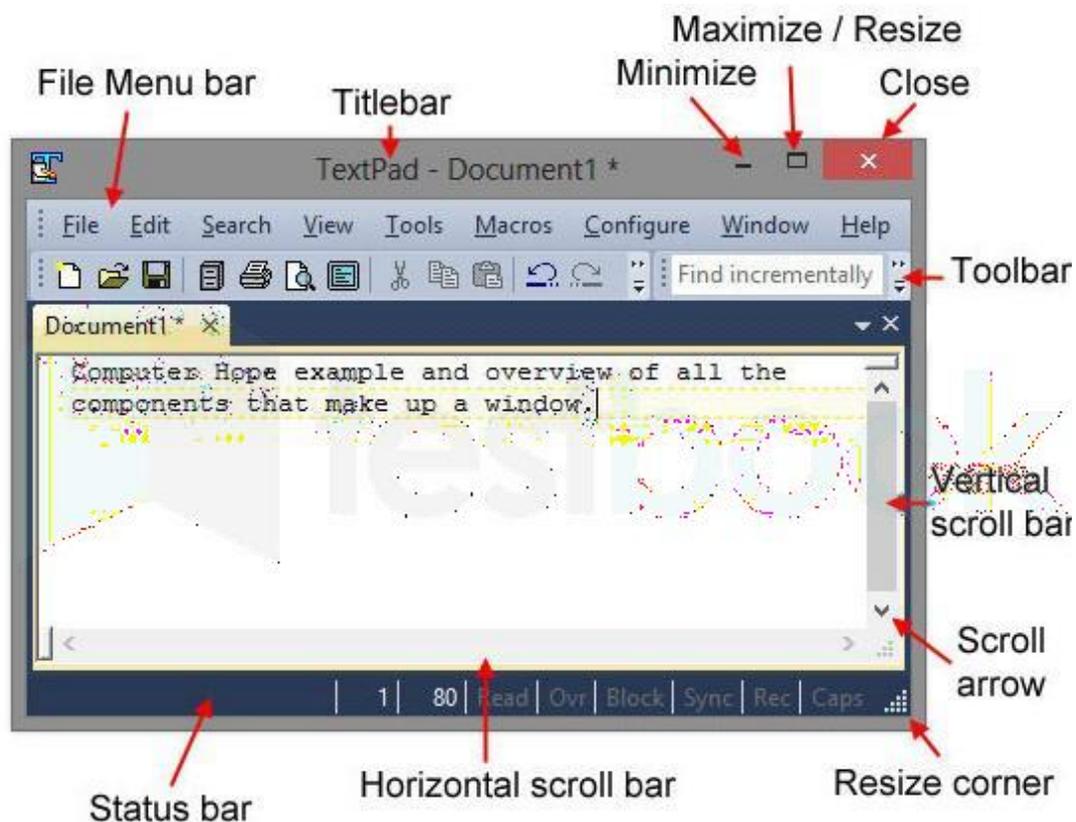


A ForTran (**Form**ula **Tran**slation) program consists of a number of statements, each written in a separate line and represents a command to be performed by the computer.

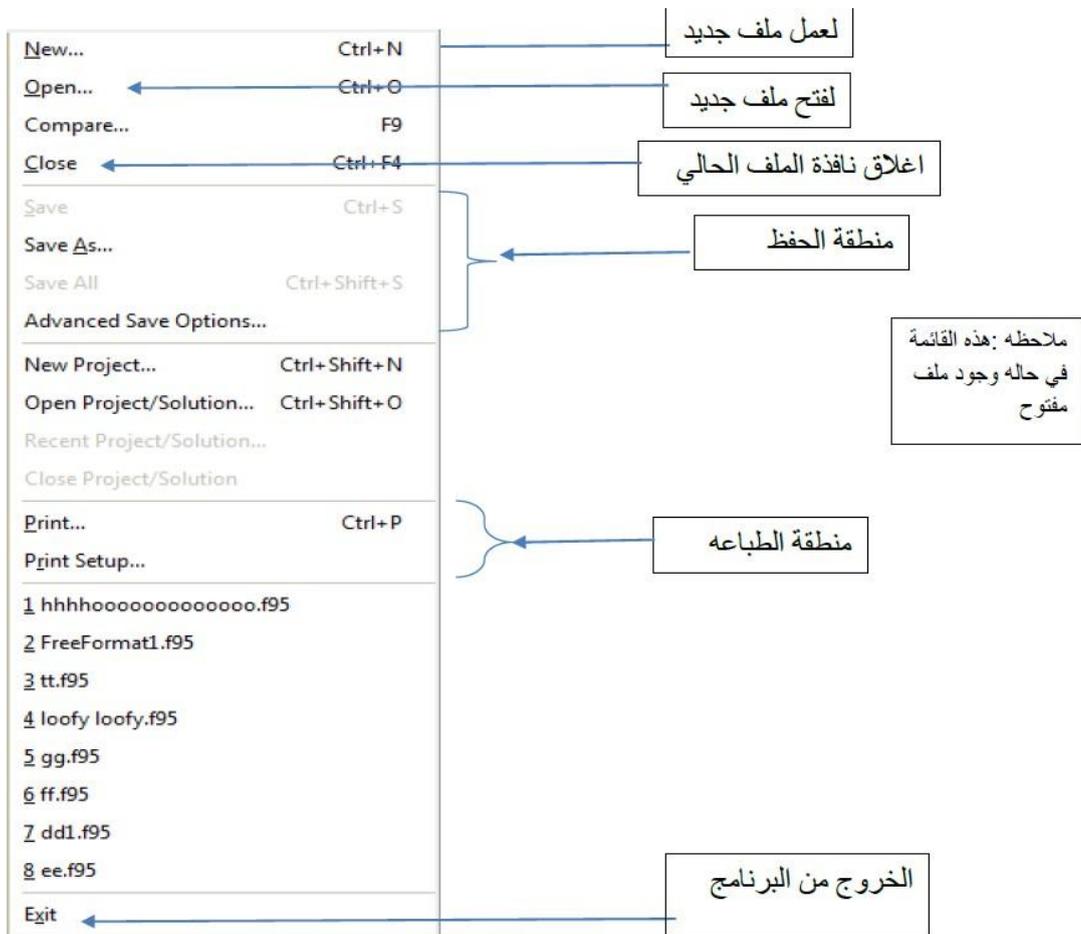
Components of the Fortran Desktop

- 1-Title Bar
- 2-Menu Bar
- 3-Tool Bar
- 4-Status Bar

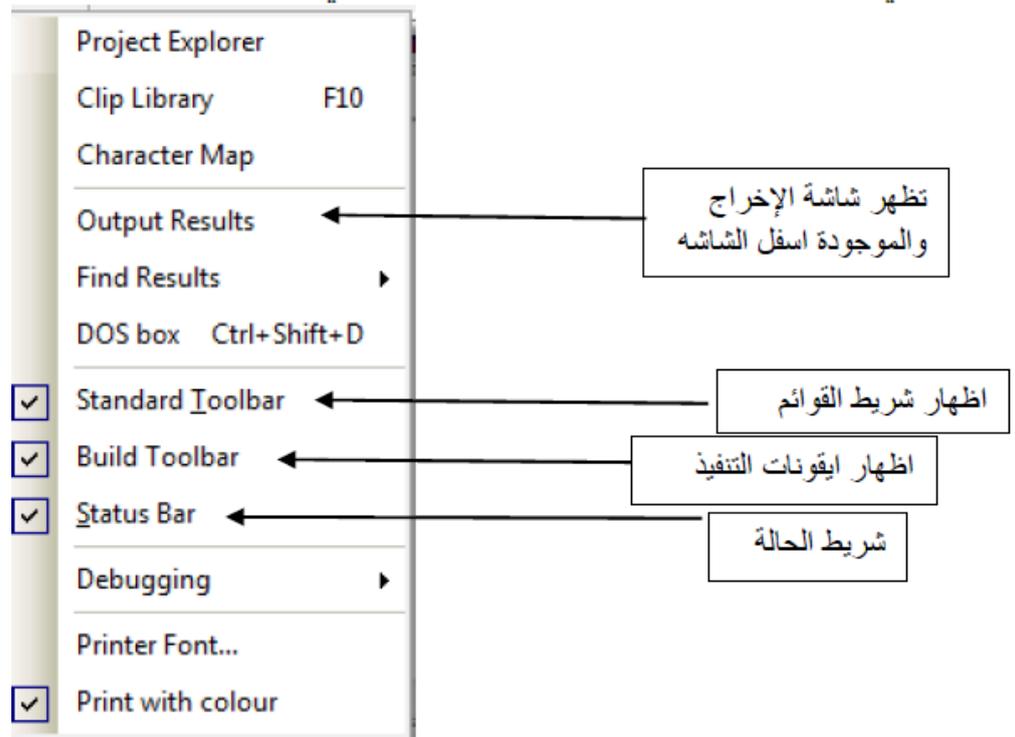


Components of the Menu bar

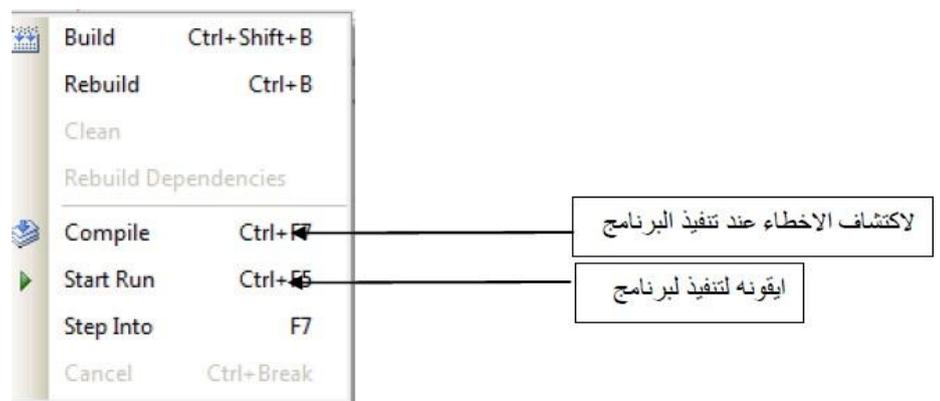
- File Menu



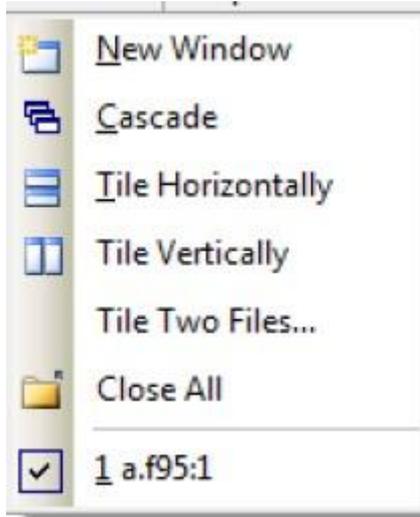
- View Menu



- Build Menu



- Windows Menu



Create a new file

There are two ways to create a new file for writing a Fortran program

1-

File → new → free format file

File extension is:

(.f95,.f90,inc)(extension)

2-

File → new → fix format file

(.for,.f,ins)(extension)

Fortran Data Types

- Integer: positive,negative,zero
2217,11142 ,-134 ,0
- Real : Ordinary decimal notation or exponential notation

+41327 ,-1.234,0.01737
3.31427 E2,337456E-3

- Complex: Complex Numbers
 $Z=X+Y*i$
- Character: Character strings or strings
("),(')

- Logical: There are two values, true or false, with dots next to them

Ex:// .ture. or .false.

