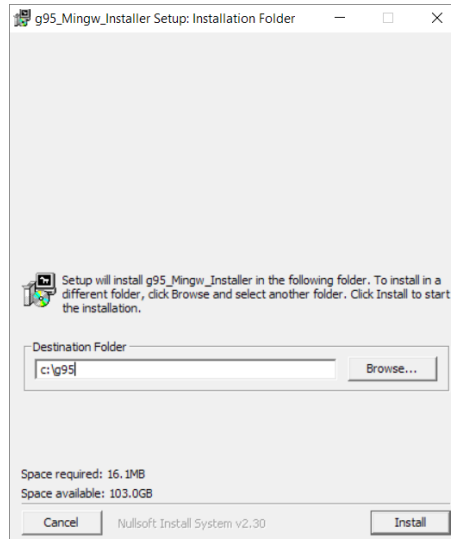


## Instalasi Fortran (G95)

- Install Compiler Fortran, G95

1. Install g95-Mingw\_201210.exe
2. Untuk memudahkan, atur “Destination Folder” ke C:\g95



3. Pilih Install, setuju semua konfirmasi yang muncul setelah mengklik “Install”
4. Bila instalasi telah selesai, tampilan akan berubah seperti berikut :



Pilih “Close”

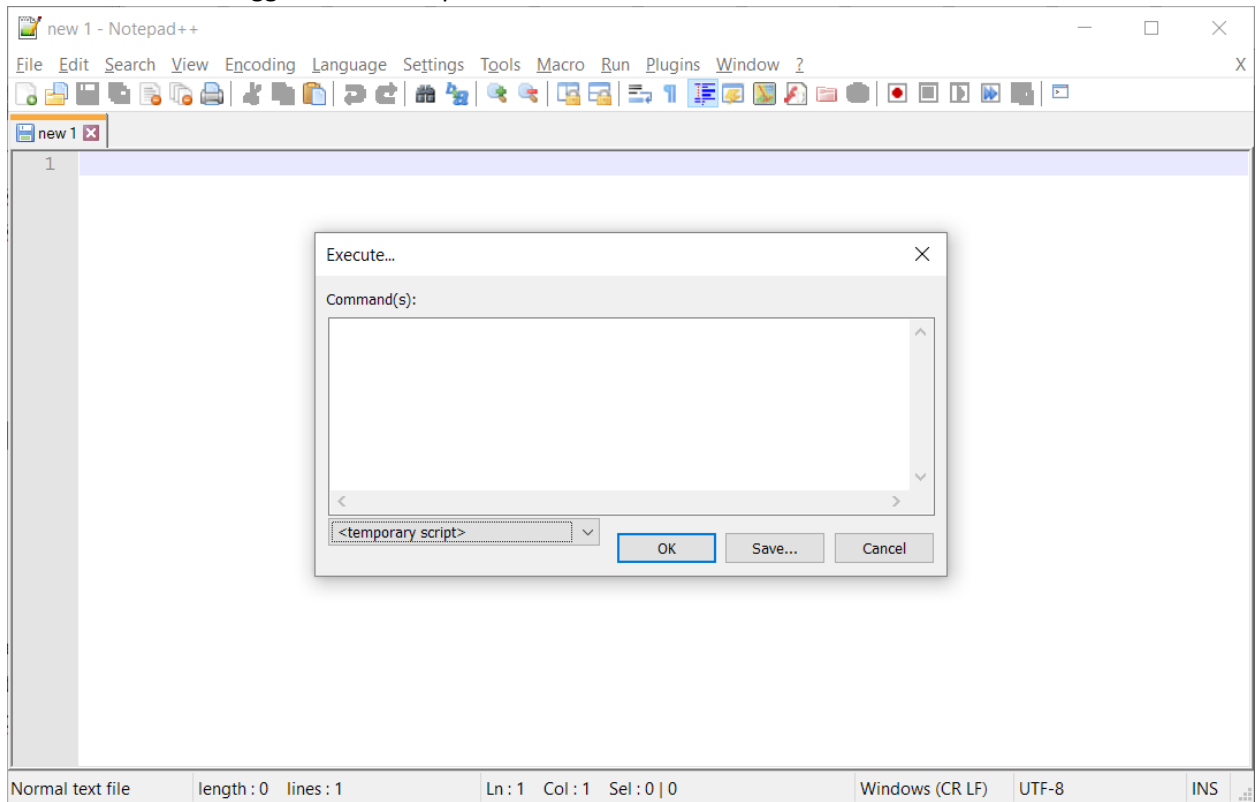
- Install Notepad++

1. Install npp.7.5.1.Installer.exe seperti biasa.  
Bila sebelumnya sudah terinstall, tidak perlu install lagi.

- Setting Notepad++

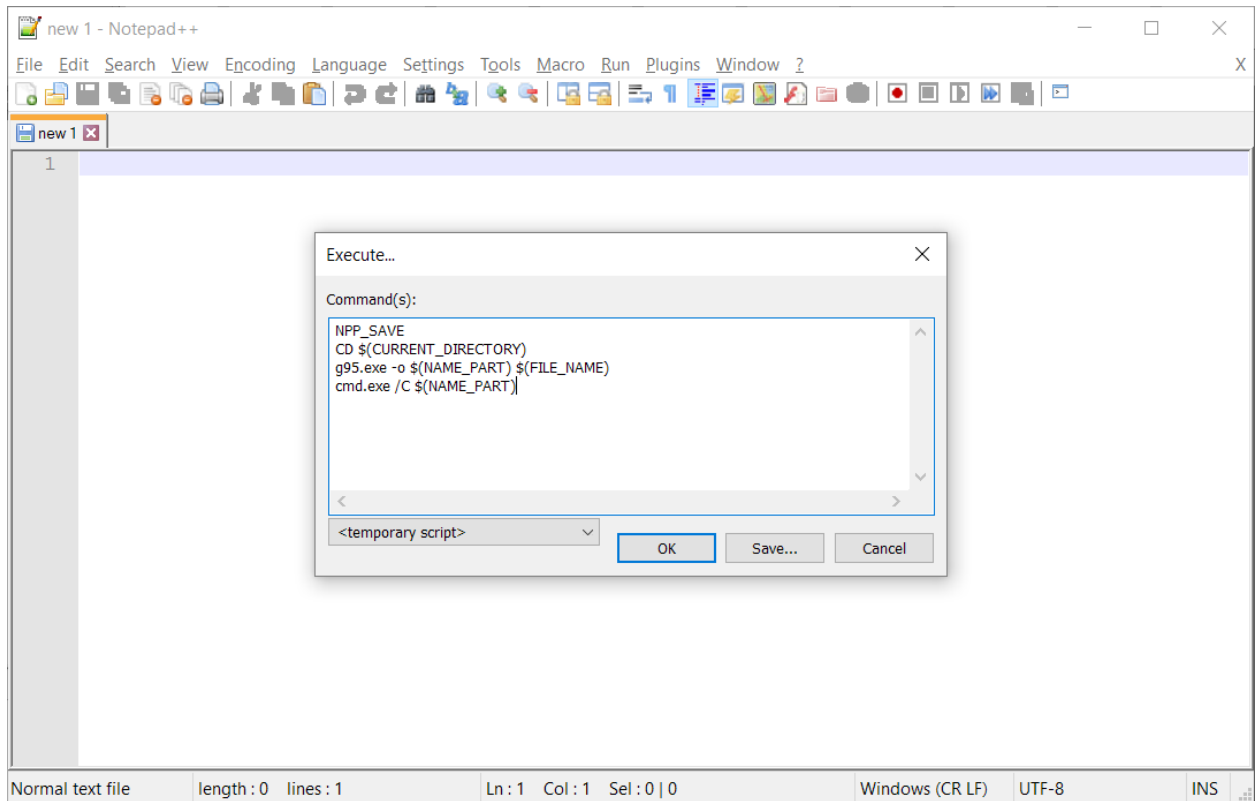
1. Cek versi Notepad++ dengan melihat lokasi instalasi
  - a. Bila ada di C:\Program Files\Notepad++, berarti 64-bit
  - b. Bila ada di C:\Program Files (x86)\Notepad++ berarti 32-bit

2. Copy isi folder 32-bit atau 64-bit (sesuai poin 1) ke Notepad++\plugins
3. Jalankan Notepad++
4. Tekan tombol F6 hingga muncul tampilan berikut :

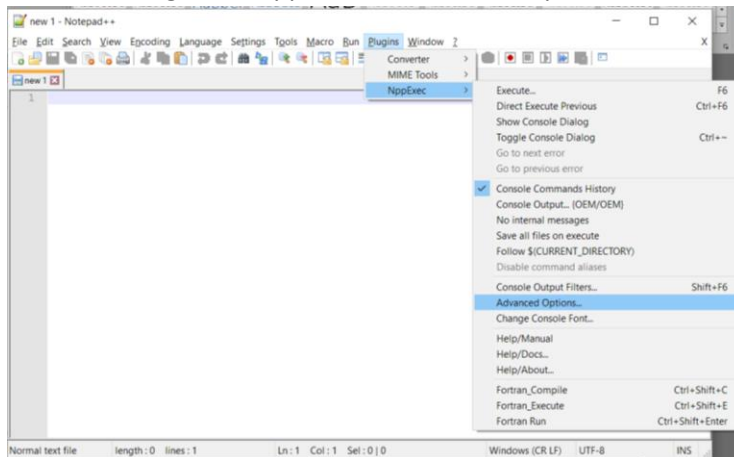


Copy paste command berikut :

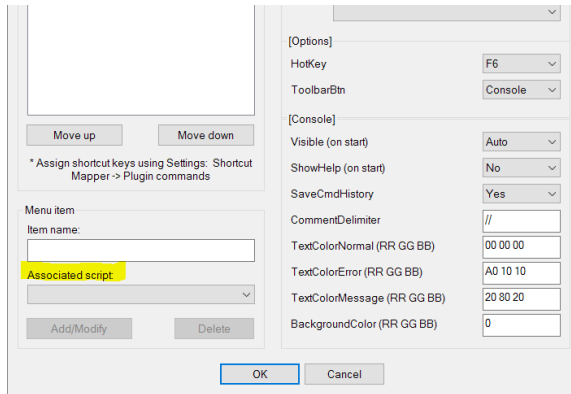
```
NPP_SAVE  
CD $(CURRENT_DIRECTORY)  
g95.exe -o $(NAME_PART) $(FILE_NAME)  
cmd.exe /C $(NAME_PART)
```



5. Pilih Save, beri nama "Fortran Run", Pilih Save, Pilih OK
6. Restart Notepad++, Close dan jalankan kembali
7. Masuk ke Plugins >> NppExec >> Advanced Options

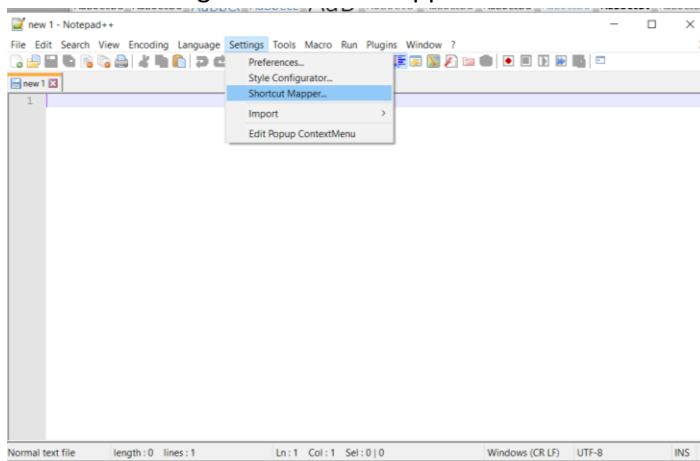


8. Pada pilihan Associated script, pilih Fortran Run, klik Add/Modify, pilih Ok

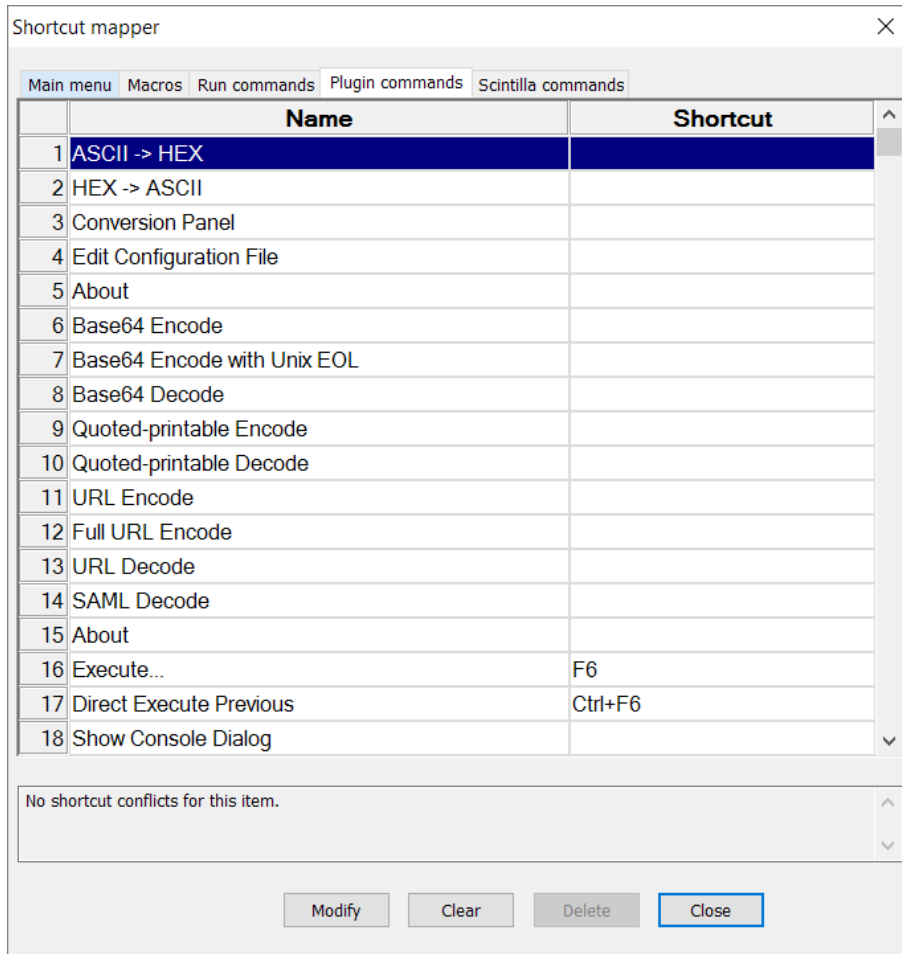


9. Restart Notepad++, Close dan jalankan kembali

10. Masuk ke Settings >> Shortcut Mapper



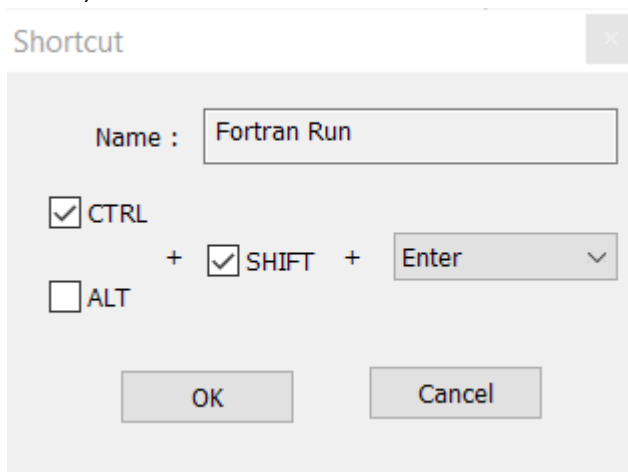
11. Pada tampilan, pilih tab plugin command



## 12. Cari Fortran run, klik, dan pilih modify

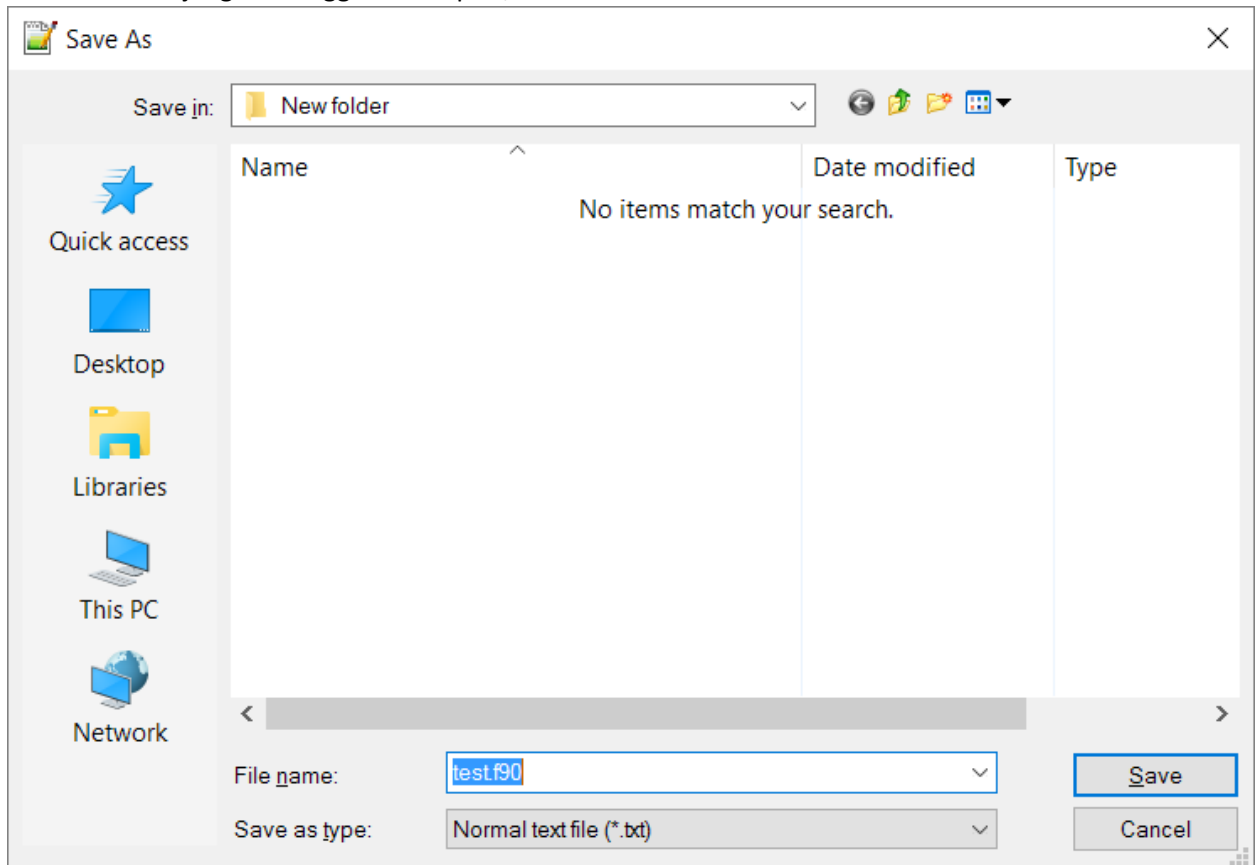
Tentukan shortcut yang diinginkan, misal ctrl+shift+enter

Klik ok, kemudian close

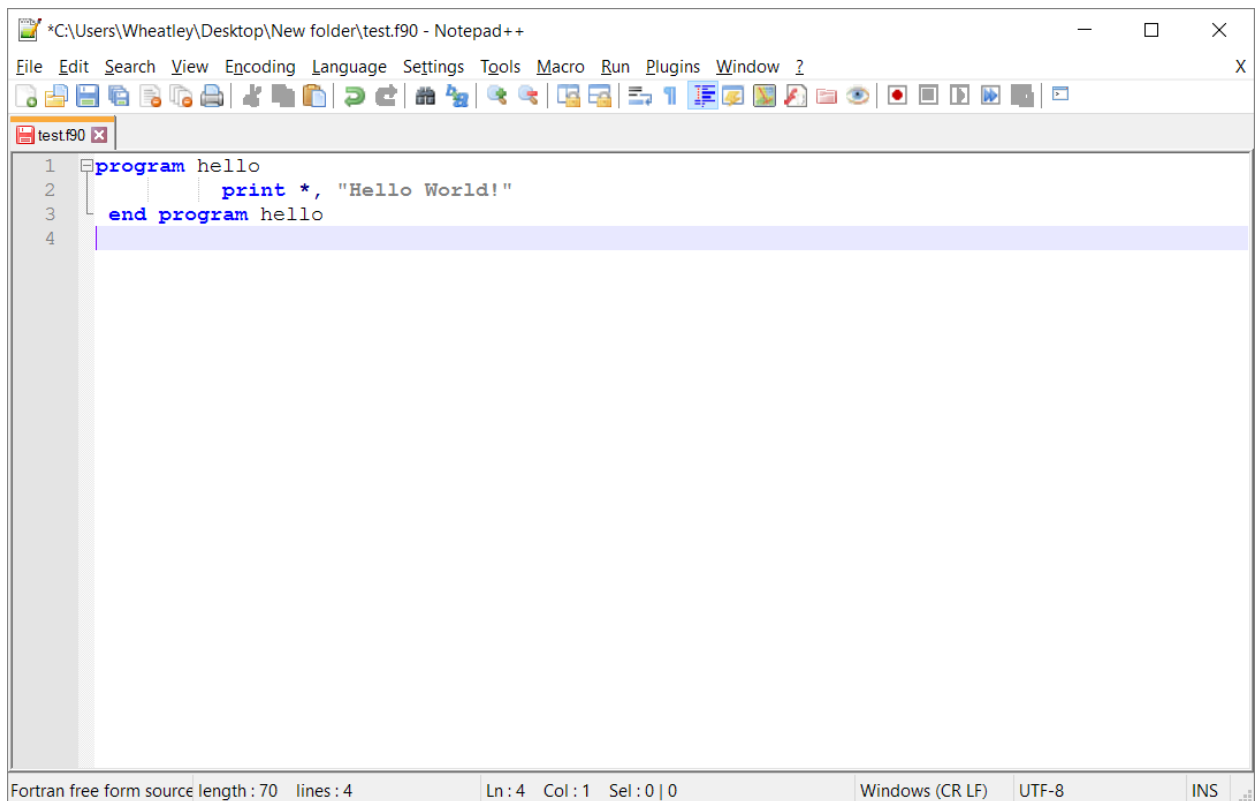


- Test coding

1. Pada tampilan teks yang telah terbuka, pilih File >> Save As  
Penamaan file jangan menggunakan spasi, tambahkan ekstensi .f90 atau .f95



2. File kosong terlebih dahulu disimpan agar Notepad++ mengenali format Fortran, sehingga syntax highlight aktif
3. Ketik kode berikut :  
program hello  
    print \*, "Hello World!"  
end program hello
4. Tampilan akan seperti berikut

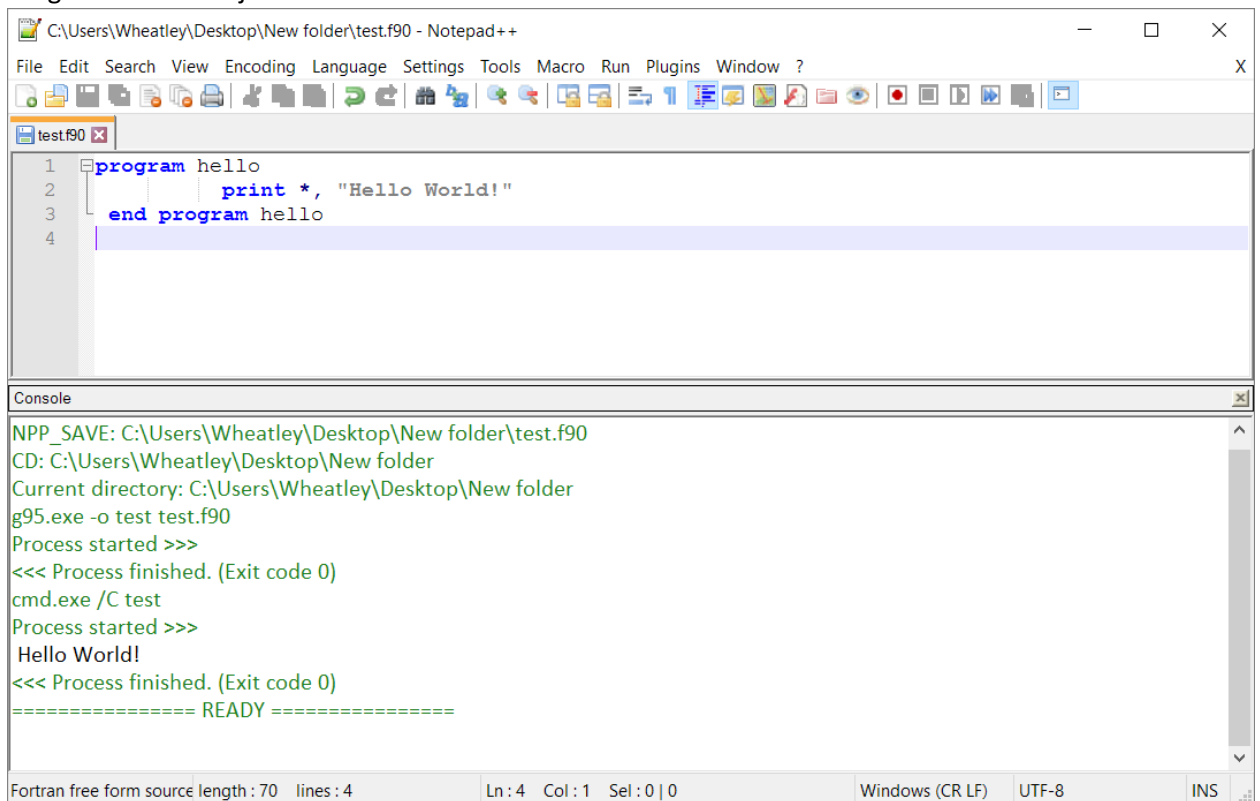


The screenshot shows a Notepad++ window titled '\*C:\Users\Wheatley\Desktop\New folder\test.f90 - Notepad++'. The menu bar includes File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and ?. The toolbar contains various icons for file operations and editing. The text area contains the following Fortran code:

```
1 program hello
2     print *, "Hello World!"
3 end program hello
4
```

The status bar at the bottom indicates 'Fortran free form source length : 70 lines : 4', 'Ln : 4 Col : 1 Sel : 0 | 0', 'Windows (CR LF)', 'UTF-8', and 'INS'.

5. Jalankan shortcut yang tadi diatur, misal ctrl+shift+enter
6. Program berhasil dijalankan



The screenshot shows the same Notepad++ window as above, but with a console window open at the bottom. The console output is as follows:

```
NPP_SAVE: C:\Users\Wheatley\Desktop\New folder\test.f90
CD: C:\Users\Wheatley\Desktop\New folder
Current directory: C:\Users\Wheatley\Desktop\New folder
g95.exe -o test test.f90
Process started >>>
<<< Process finished. (Exit code 0)
cmd.exe /C test
Process started >>>
Hello World!
<<< Process finished. (Exit code 0)
===== READY =====
```

The status bar at the bottom remains the same as in the previous screenshot.