

## Meteorology 2270 – Assignment #3

### Due: 09/12/2025

Problem: Write a Fortran program that prints a simple message to the screen using the template below.

Assignment:

1. Use your favorite editor to create a file called:

hw3\_YOURLASTNAME.f90

2. Reproduce the following program template within the file:

```
program simple_message
```

```
! (Your Name)
```

```
! Meteor 2270
```

```
! Assignment #3
```

```
! Due Date: 09/12/2025
```

```
!
```

```
! Filename: hw3_YOURLASTNAME.f90
```

```
!
```

```
!#####
```

```
!
```

```
! This program prints a programmer-determined message to the screen.
```

```
!
```

```
!#####
```

```
print *, "Hello World!"
```

```
end program simple_message
```

3. **Compile** the program by typing the following at the command prompt:

```
gfortran -o hw3_YOURNAME.exe hw3_YOURNAME.f90
```

4. **Execute** the program by typing the following at the command prompt:

```
./hw3_YOURNAME.exe
```

5. Hand in your assignment by emailing it as an attachment to mteor2270@iastate.edu, and by turning in a hard copy version to the instructor.