Code Implementation Guide for Chapter 5

This folder contains all the codes used to obtain the results in the Tables in Chapter 5. All the codes are written in R and can be directly executed from the terminal (for Mac and Linux) or command prompt (for Windows) with one argument. The argument is the Wind Turbine number (for example WT1 or WT5 etc.). The results will be displayed on the command prompt itself. To execute the code, the dataset and the code must be in the same folder and the code must be executed from that folder. Apart from the code files corresponding to each Table, there is one more file called 'amkFunctionLib.r'. This file contains all the functions developed to generate the results. This file should also be in the same folder along with the Table files. A sample screenshot on how to execute the code is shown below:

```
[Abhinavs-MacBook-Air:Chapter5Results abhinavprakash$ Rscript Table5_5.r WT1
WT1 13.05
```