**SOLUTION**

* Runnable jar is provided to run the code and get output on desired input data
* Input will be taken from input.txt which is provided in input path location passed as command line argument
* Please make sure that file name is input.txt and it is available in path which will be provide as command level argument one
* Output will be stored to output.txt in path, which will be passed as second command line argument
* If code is being run in eclipse please make sure to provide program arguments

*java -jar price-stats.jar /Users/Karthikeya/Input /Users/Karthikeya/Output*

* Code will automatically search for input.txt file in path provided in argument one
* From provided input as per requirement we are expecting only two lines, first line consists of two values n & k, second line will have the home sales price data
* Code will parse the input file and from line one it will get n & k values and it will validate n & k values whether n > k or not
* Second line which has sales price data will be taken into a list
* Number of windows for given input can be calculated from formula n-k+1
* For each window subset of sales list will be considered for which increasing sub range & decreasing sub range will be calculated using getIncreasingSubRange() & getDecreasingSubRange() functions respectively