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This program outputs the number of effective exercises per hour (NEEH) in a day of 15 athletes. The number of hours is between integers 3 and 11 inclusive. It generates also statistical information in two different formats, column format and histogram, based on the user’s choice. The program can also display both formats together. Near each NEEH value, there is a number of athletes from the total who have the same NEEH value in the output. There is a descending display of the greatest number of athletes to the least number of athletes from the total who have the same NEEH value. Also, the program has the NEEH recorded by the maximum number of athletes. Here is the UML diagram for the class NEEH:

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| **NEEH** |
| - NEEHvalues: int [] |
| - eachNEEH: int |
| - aboveNEEH: int |
| - MaxNum: int |
| +NEEH (): non void |
| + NEEH (int [] NEEHvalues, int eachNEEH, int aboveNEEH, int MaxNum): non void |
| +getNEEHValues(): int [] non void |
| + setNEEHValues(int [] NEEHvalues ): void |
| + getEachNEEH: int [] non void |
| + setEachNEEH: (int eachNEEH): void |
| + getAboveNEEH (): int non void |
| + setAboveNEEH (int aboveNEEH): void |
| + getNEEHbyMaxAthletes(): int non void |
| + setNEEHbyMaxAthletes (int MaxNum): void |
| + DisplayColumnformat: void |
| +DisplayHistogramformat: void |
| + toString-String: non void |
| + equals-boolean: non void |