Test Scores

Directions:

 Open your MS Excel warm-ups file and CAREFULLY enter the following data. **You will want to create columns for each of the different classes.** Please be sure to use a title and a column heading to help identify data.

**1st Hour:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 75 | 85 | 81 | 62 | 47 | 94 | 63 | 78 | 91 | 77 |
| 85 | 84 | 80 | 72 | 96 | 54 | 65 | 99 | 72 | 74 |
| 68 | 79 | 90 | 85 | 66 | 82 | 75 | 55 | 87 | 92 |

**2nd Hour:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 95 | 67 | 54 | 82 | 81 | 55 | 95 | 87 | 88 | 62 |
| 72 | 81 | 97 | 100 | 65 | 72 | 83 | 76 | 84 | 92 |
| 91 | 74 | 78 | 69 | 73 | 89 | 73 | 80 | 74 | 92 |

**3rd Hour:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 94 | 78 | 80 | 76 | 88 | 92 | 71 | 65 | 55 | 83 |
| 92 | 87 | 86 | 70 | 77 | 61 | 98 | 94 | 41 | 63 |
| 78 | 95 | 84 | 72 | 97 | 53 | 79 | 88 | 76 | 94 |

**4th Hour:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 76 | 63 | 36 | 94 | 85 | 73 | 59 | 48 | 87 | 63 |
| 84 | 86 | 76 | 91 | 46 | 57 | 68 | 71 | 80 | 93 |
| 75 | 54 | 86 | 100 | 67 | 81 | 75 | 73 | 17 | 82 |

**5th Hour:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 44 | 87 | 98 | 75 | 67 | 48 | 96 | 72 | 62 | 70 |
| 60 | 9 | 73 | 77 | 92 | 37 | 85 | 91 | 79 | 86 |
| 54 | 77 | 68 | 78 | 72 | 82 | 45 | 76 | 86 | 73 |

1. **Sort the data from highest to lowest scores for 1st, 3rd, and 5th hours. Sort the data from lowest to highest 2nd and 4th hours. (The sort feature is on the HOME ribbon.)**
2. **After you have done this find the average score of each hour using a function.**
3. **Use conditional formatting and create 2 rules that will format:**

 **A. all scores greater than 90 in GREEN**

 **B. all scores less than 50 in RED**

1. **Graph the average class scores.**

**Saving:**

Save in your Excel Warmups file.