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| **Test Table 1** | | | |
| **Input values for your program** *(run your program for each of the following cases)* | | ***Expected* program output for distances** *(what output you expect your program to produce for the given inputs)* | ***Actual* program output for distances** *(what output your program actually produces for the given inputs)* |
| **Movie 1** | **Movie 2** | *please compute by hand, verify with a classmate that they got the same answers, and write down missing entries (indicated by* **???***)* | *please**write down the distances produced by your program* |
| **3.0** | **3.5** | **viewer 1 = 2.0**  **viewer 2 = 0.5**  **viewer 3 = 3.5** |  |
| **4.0** | **4.5** | **???** |  |
| **1.0** | **2.5** | **???** |  |
| **5.0** | **5.0** | **???** |  |

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| --- | --- | --- | --- | --- | --- |
| **Test Table 2** | | | | | |
| **Input values for your program** *(run your program for each of the following cases)* | | | | ***Expected* program output for distances** *(what output you expect your program to produce for the given inputs)* | ***Actual* program output for distances** *(what output your program actually produces for the given inputs)* |
| **Movie 1** | **Movie 2** | **Movie 3** | **Movie 4** | *please compute by hand, verify with a classmate that they got the same answers, and write down missing entries (indicated by* **???***)* | *please**write down the distances produced by your program* |
| **3.0** | **3.5** | **3.5** | **3.0** | **viewer 1 = 3.5**  **viewer 2 = 3.0**  **viewer 3 = 7.0** |  |
| **4.0** | **4.5** | **3.5** | **2.0** | **???** |  |
| **1.0** | **2.5** | **3.5** | **4.5** | **???** |  |
| **5.0** | **5.0** | **5.0** | **5.0** | **???** |  |

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| **Test Table 3** | | | | | |
| **Input values for your program** *(run your program for each of the following cases)* | | | | ***Expected* program output for prediction** *(what output you expect your program to produce for the given inputs)* | ***Actual* program output for prediction** *(what output your program actually produces for the given inputs)* |
| **Movie 1** | **Movie 2** | **Movie 3** | **Movie 4** | *please compute by hand, verify with a classmate that they got the same answers, and write down missing entries (indicated by* **???***)* | *please**write down the prediction produced by your program* |
| **3.0** | **3.5** | **3.5** | **3.0** | **most similar = 40**  **distance = 1.0**  **movie 5 prediction = 3.0** |  |
| **4.0** | **4.5** | **3.5** | **2.0** | **???** |  |
| **1.0** | **2.5** | **3.5** | **4.5** | **???** |  |
| **5.0** | **5.0** | **5.0** | **5.0** | **???** |  |

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| --- | --- | --- | --- | --- | --- | --- |
| **Test Table 4** | | | | | | |
| **Input values for your program** *(run your program for each of the following cases)* | | | | | ***Expected* program output for movie 5 prediction** *(what output you expect your program to produce for the given inputs)* | ***Actual* program output for movie 5 prediction** *(what output your program actually produces for the given inputs)* |
| **Movie 1** | **Movie 2** | **Movie 3** | **Movie 4** | **K** | *please compute by hand, verify with a classmate that they got the same answers, and write down missing entries (indicated by* **???***)* | *please**write down the movie 5 prediction produced by your program* |
| **3.0** | **3.5** | **3.5** | **3.0** | **10** | **3.7** |  |
| **4.0** | **4.5** | **3.5** | **2.0** | **5** | **4.3** |  |
| **1.0** | **2.5** | **3.5** | **4.5** | **7** | **4.1** |  |
| **5.0** | **5.0** | **5.0** | **5.0** | **3** | **4.3** |  |