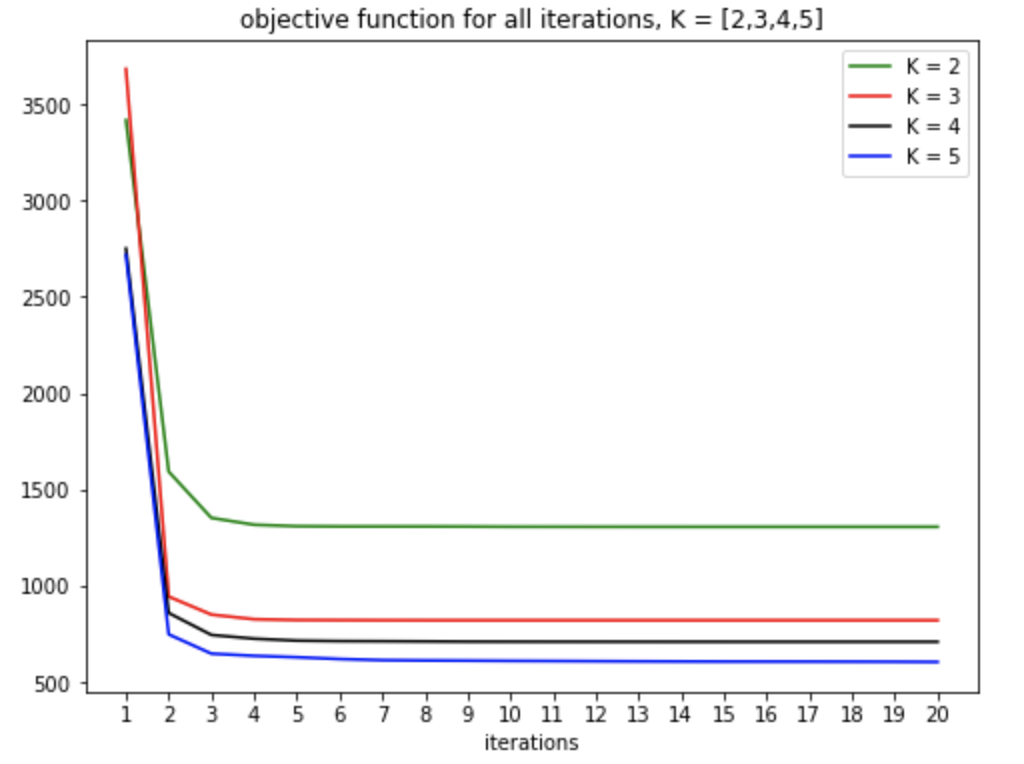
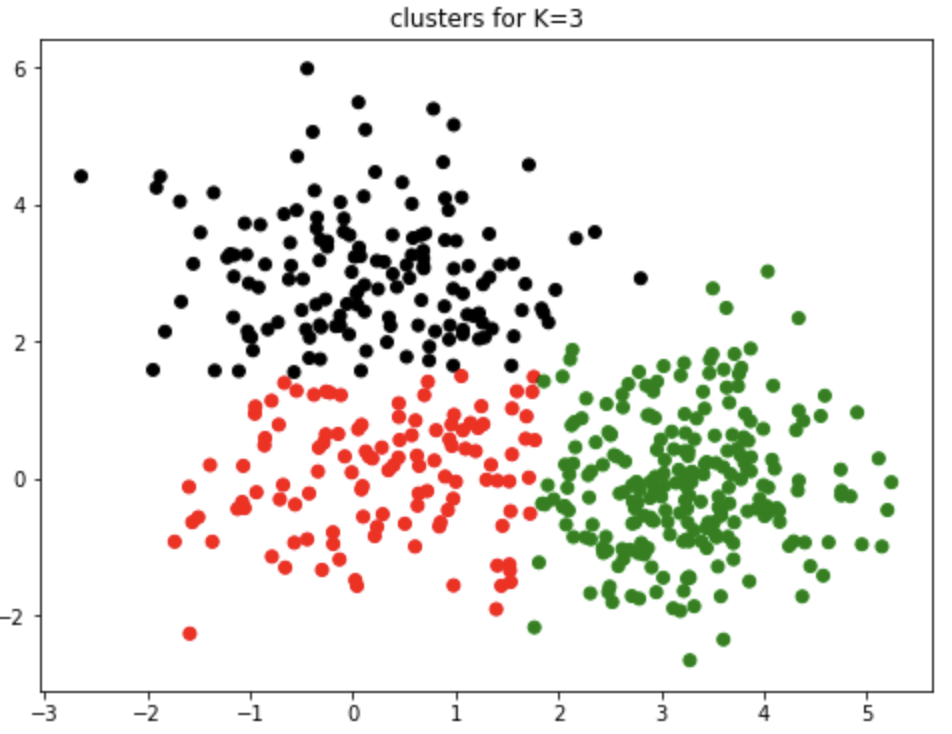
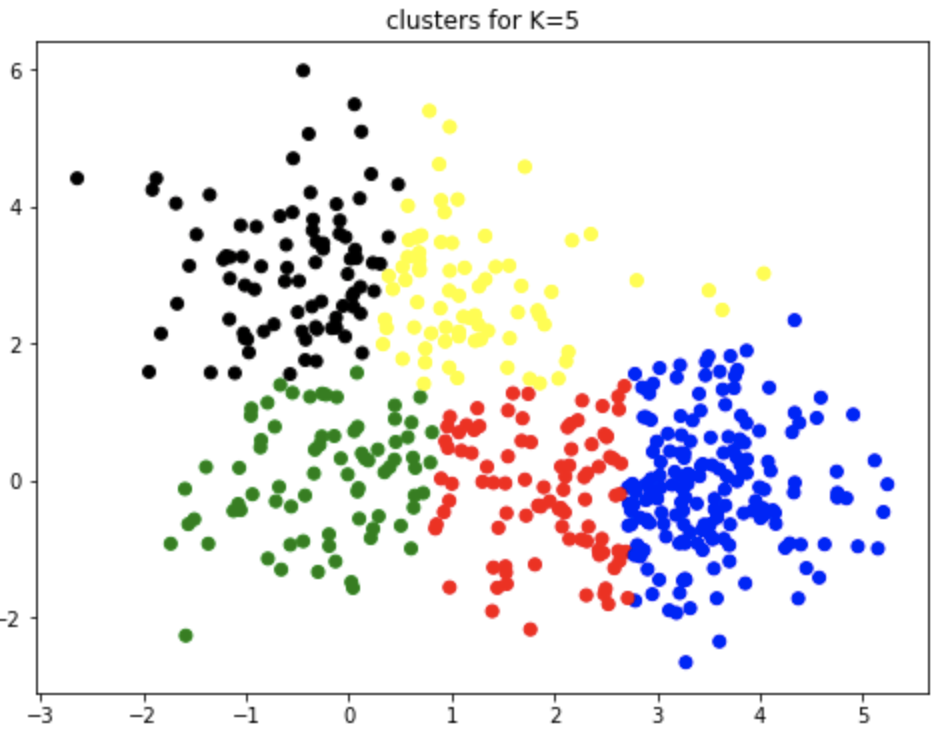
**Answer 1**

**a)**

****

**b)**

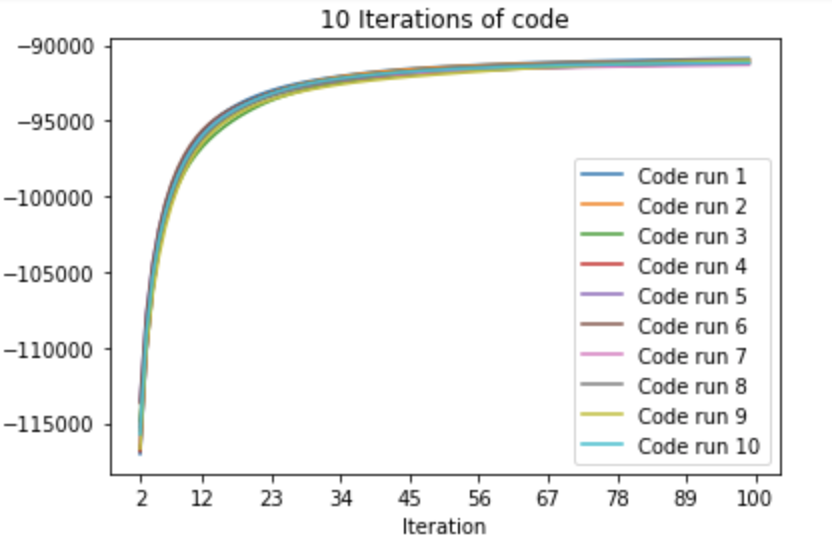
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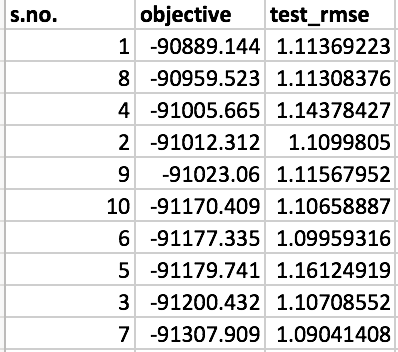
**Answer 2**

**a)**

Objective function for ten iterations of the program.

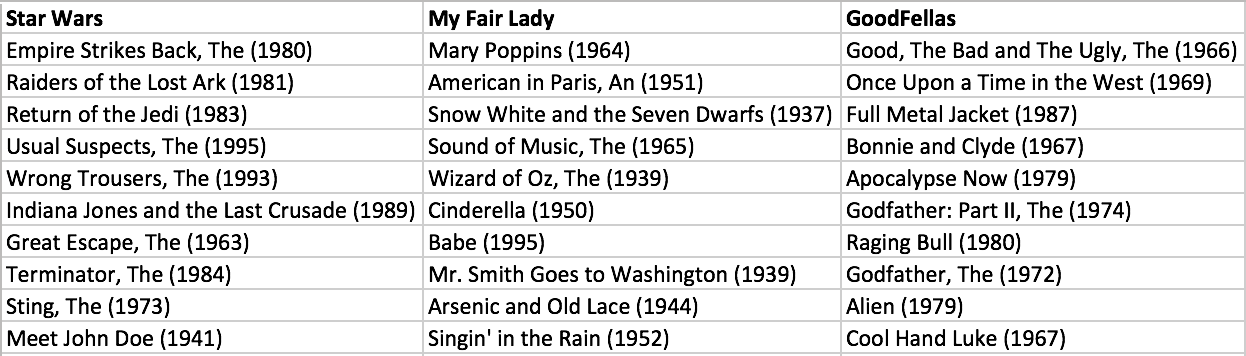
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Objective function and test rmse sorted according to decreasing value of objective function.

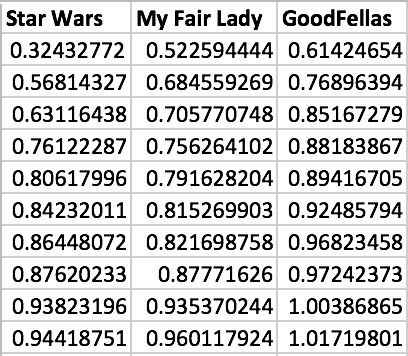
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**b)**

List of 10 closest movies for Star Wars, My Fair Lady, GoodFellas.

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Distance of closest movies.

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