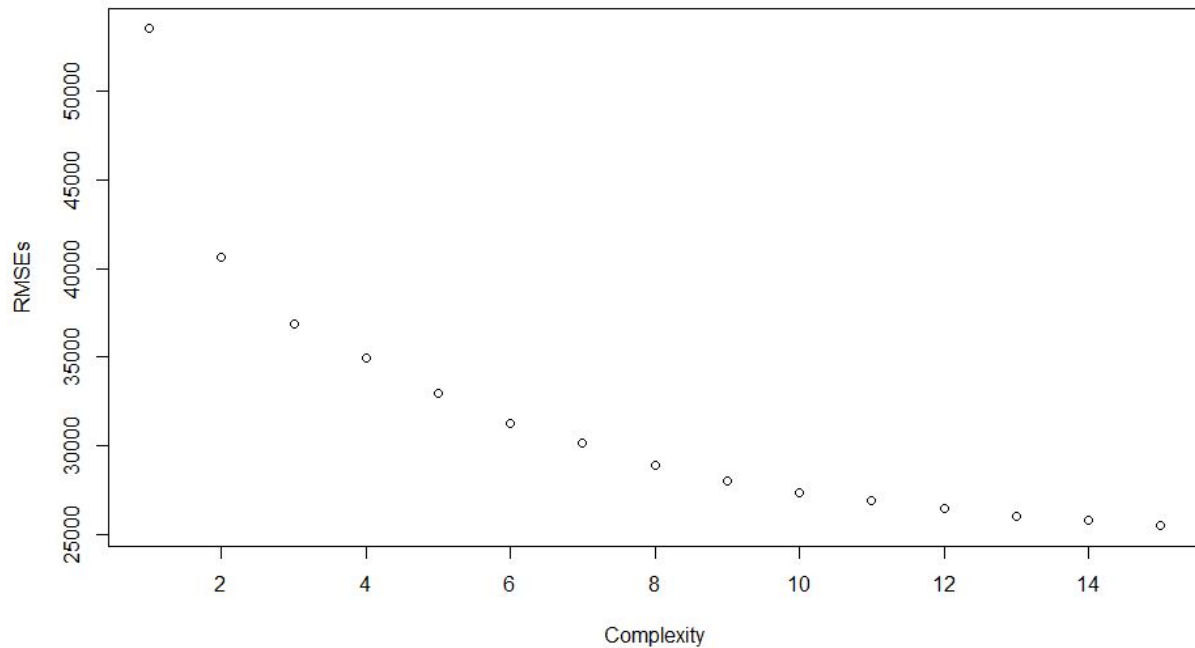**Exercise 1**

As complexity increases in length the RMSE value falls exponentially. A full-size model would not be recommended because of the sheer amount of data entries. It would be unnecessary as an accurate representation of the data can be achieved using much less plotted points. This is based on the plot's ability to capture an accurate depiction of the RMSE values for each level of complexity.

Exercise 2

      Our predicted sale price was 29513.22. This was determined using important factors such as lot area and size, exterior quality, condition of the home, basement finish, location, and other key components in predicting sale price. Generally, factors like these are taken into account when selling a house, therefore, our prediction should be mostly accurate. We are confident that our group's prediction will be among the lowest because of how close our value (29513.22) is compared to the minimum RMSE value of 25000.