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| CS152 H1 due June 30, 2020 2 pts |

Write a single class PracticeArrayLists with main method in it. Do the following in the main method:

1. Declare an ArrayList named numberList that stores objects of Integer type. Write a loop to assign first 12 elements values: 1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144. Do not use Math.pow to determine n squared. Use multiplication operator instead. Print numberList by using for-each loop.
2. Declare an ArrayList named booleanList that stores Boolean data. Write a loop to assign first 30 elements alternating values false, true, false,…. , and print all elements from booleanList by using for-each loop.
3. Declare an ArrayList of String type named townList. Write code to assign first four elements values Paris, London, Athens, and Rome. Print the townList by using for-each loop.