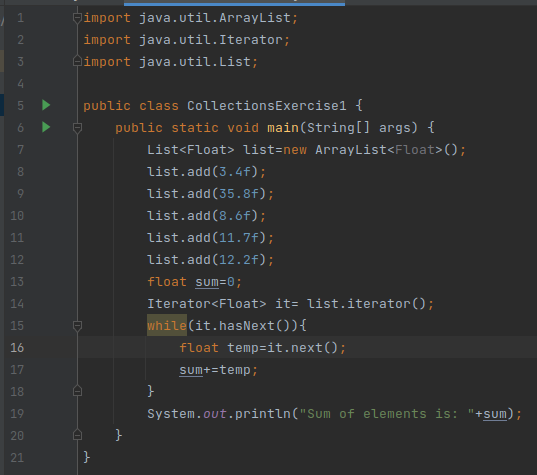
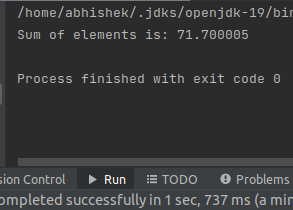
Exercise: Collections

1) Write Java code to define List . Insert 5 floating point numbers in List, and using an iterator, find the sum of the numbers in List.

Answer:





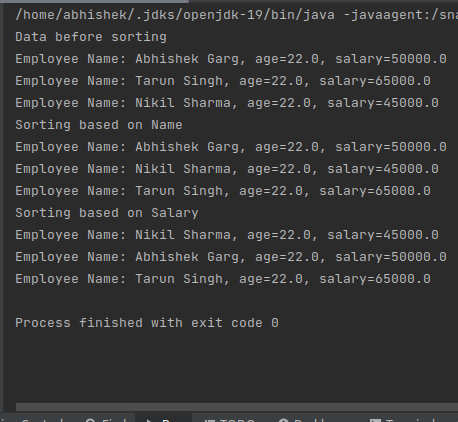
2) Given the following class

Employee class{ Double Age; Double Salary; String Name}

Design the class in such a way that the default sorting should work on firstname and lastname.

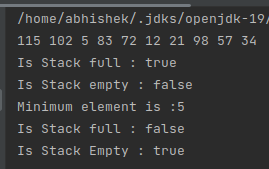
Also, Write a program to sort Employee objects based on salary using Comparator.

Answer:



3) Design a Data Structure SpecialStack that supports all the stack operations like push(), pop(), isEmpty(), isFull() and an additional operation getMin() which should return minimum element from the SpecialStack. (Expected complexity ­ O(1))

Answer:



4) Create class Employee with attributes name,age,designation and use instances of these class as keys in a Map and their salary as value

Answer:

