

Test Evidence:

First Circle (0,0):1
Second Circle (0,0):4
The distance between the two circles is: 0
The circles do intersect
Third Circle created (0,0):40
Moved circle Three - (4,5):40
The circles Second and Third do intersect
Fourth Circle created (4,5):1
The circles First and Fourth do not intersect
Resized circle Three - (4,5):380
Program ended with exit code: 0