instance name	objective function value	optimal solution/ upper bound
C101_20_02	272	opt
R101_20_02	329	opt
RC101_20_02	428	opt
C101_20_08	279	opt
R101_20_08	342	opt
RC101_20_08	458	opt
C101_40_02	551	opt
R101_40_02	596	opt
RC101_40_02	886	opt
C101_40_08	569	opt
R101_40_08	646	opt
RC101_40_08	926	opt