

```

        print(sorted_twoitemset[1])

    return twoitemset

def sortedhelper(item1, item2):
    if item1[1] > item2[1]:
        return 1
    elif item1[1] < item2[1]:
        return -1
    else:
        if item1[0] > item2[0]:
            return -1
        else:
            return 1

if __name__ == "__main__":
    oneitemset = oneitemset('browsing.txt')
    twoitemset = twoitemset(oneitemset, 'browsing.txt')

('GR026134 --> FR092511', 1.0)
('GR026134 --> ELE17451', 1.0)
('GR026134 --> FR062357', 1.0)
('GR026134 --> SNA45677', 1.0)
('GR026134 --> ELE38760', 1.0)

```

In []:

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    syz += 1
    if (x in session) and (y in session) and (z in session):
        sxyz += 1

    conf3[(x, y, z)] = sxyz / sxy
    conf3[(x, z, y)] = sxyz / sxz
    conf3[(y, z, x)] = sxyz / syz
    conf3_sorted = sorted(conf3.items(), key=lambda x: '{:16f}'.format(1-x[1])+''.join([str(ord(i)) for i in x[0][0]+x[0][1]]))
    for i in range(5):
        rule = conf3_sorted[i]
        print('({0}, {1})--> {2})={3:.3f}'.format(rule[0][0], rule[0][1], rule[0][2], rule[1]))

((DAI23334, ELE92920)-->DAI62779)=1.000
((DAI31081, GR085051)-->FR040251)=1.000
((DAI55911, GR085051)-->FR040251)=1.000
((DAI62779, DAI88079)-->FR040251)=1.000
((DAI75645, GR085051)-->FR040251)=1.000

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In []: