**13: KOL Analysis**

**Function: kol(dict6,dict1,threshold,percentage)**

**Importing stored data (usernames, names, passwords, articles, relationships of users and articles)**

**Codes: import pickle, save (dict1, dict2, dict3, dict4, dict5, dict6, list1)**

**Print interface and ask for which action to perform**

**Codes: pr(acc)**

**If Action = :**

**1: Registration**

**Function: reg (dict1, dict4, dict5)**

**5: Check friendship**

**Function: isFriend(pers1, pers2)**

**3: Add a Friend**

**Function:**

**addFriend(dict1, dict4, dict5, acc)**

**4: Upload an Article Function: addArticle (acc, dict1, dict2, dict3, dict6, list1)**

**2: Log In**

**Function: log (dict1, dict4, dict5)**

**14: Relevance between friendship and quoting**

**Function: report\_friend (dict6,dict1)**

**6: Check if a source is direct**

**Function: isDirectSource (sour1, sour2)**

**8: See Reports of an article**

**Function: Report (sour)**

**7: Check if is source**

**Function: isSource(sour1, sour2)**

**9: See direct reports**

**Function: DirectReport (sour)**

**10: Find Anchor**

**Function: Anchor(sour)**

**11: Article information**

**Function: NicePrintA(dict3,num)**

**12: User information**

**Function: NicePrintU(dict1,dict4,dict5,username)**

**15: Exit**

**Code: break**

**If True**