In [7]:

```
#this is my matrimony application
#author:rajkumar k v
#created on :14/09/2022
#copyrights:none

import csv
import os
import logging
#file name='rajkumar.csv'
class matrimony():
    filename='ma.csv'

    def Insertion(self):
        self.uniqueId=(int(input('enter the unique id:')))
        self.name=input('enter name:')
        self.gender=input('enter gender:')
        self.age=int(input('enter age:'))
        self.occupation=input('enter occupation:')
        self.salary=int(input('enter salary:'))
        self.Likes=input('enter likes:')
        self.Dislikes=input('enter Dislikes')
        self.Location=input('enter Locaion')

        with open(self.filename,'a',newline='')as x:
            csvwriter=csv.writer(x)
            csvwriter.writerow([self.uniqueId,self.name,self.gender,self.age,self.occu

    def retrival(self):
        print('*'*34)
        print('uniqueID\tname\tgender\tage\toccupation\tsalary\tLikes\tDlikes\tLocatio
        with open(self.filename,'r')as x:
            d=csv.reader(x)
            for i in list(d):
                print(f'{i[0]}\t\t{i[1]}\t\t{i[2]}\t\t{i[3]}\t\t{i[4]}\t\t{i[5]}\t\t{i
                print('-'*34)
        print('your data saved successfully')

    def searching(self):
        se=input('enter the name to search')
        print('uniqueID\tname\tgender\tage\toccupation\tsalary\tLikes\tDlikes\tLocatio
        with open(self.filename,'r')as x:
            d=csv.reader(x)
            namelist=list(d)
            result=[names for names in namelist if se in names]
            if len(result)>0:
                for i in result:
                    print(f'{i[0]}\t\t{i[1]}\t\t{i[2]}\t\t{i[3]}\t\t{i[4]}\t\t{i[5]}\t
            else:
                print('no result found')
    def deletion(self):
        dele=input('enter the person name to delete')
        with open(self.filename,'r')as X:
            d=csv.reader(X)
            namelist=list(d)
            f_result=[names for names in namelist if dele!=names[0]]
            with open(self.filename,'w',newline='')as x:
                csvwr=csv.writer(x)
                csvwr.writerows(f_result)
            if(len(f_result)==len(namelist)):
```

```
                print('nothing is available to delete')
            else:
                print('updated list')
        self.retrival()

    def menu(self):
        print('menu')
        print('0.Exit')
        print('1.Insertion')
        print('2.Retrival')
        print('3.searching')
        print('4.Deletion')
        c=None
        try:
            c=int(input('enter the choice'))
        except:
            logging.error('enter the choice:')
        return c
        print('welcome to matrimony')
db = matrimony()
c = db.menu()
while True:

    if c==0:
        break
    elif c==1:
        db.Insertion()
        break
    elif c==2:
        db.retrival()
        break
    elif c==3:
        db.searching()
        break
    elif c==4:
        db.deletion()
        break
    else:
        pass


```

```
menu
0.Exit
1.Insertion
2.Retrival
3.searching
4.Deletion
enter the choice1
enter the unique id:54544
enter name:kumar
enter gender:male
enter age:22
enter occupation:dance
enter salary:230000
enter likes:100
enter Dislikes200
enter Locaionchennai
```

In [ ]:

```
1
```

In [ ]:

```
1
```