In [2]:
```
import csv
import logging
import os

class Matrimony:
    filename='denesh_python.csv'
    def insertion(self):
        self.id=input('Enter UniqueId:')
        self.name=input("Enter the name:")
        self.gender=input("Enter the gender:")
        self.age=int(input('Enter the age:'))
        self.occupation=input("Enter the occupation:")
        self.salary=int(input("Enter the salary:"))
        self.hobby=input("Enter the hobby:")
        self.location=input("Enter the location:")
        self.dislikes=input("Enter the Dislikes:")

        with open(self.filename,'a',newline='')as f:
            csvw=csv.writer(f)
            csvw.writerow([self.id,self.name,self.gender,self.age,self.occupatio
    def Retrival(self):
        print('*'*34)
        print('id\tname\tgender\tage\toccupation\tsalary\thobby\tlocation\tdisli
        print('*'*34)
        with open(self.filename,'r')as f:
            data=csv.reader(f)
            for r in list(data):
                print(f'{r[0]}\t\t{r[1]}\t\t{r[2]}\t\t{r[3]}\t\t{r[4]}\t\t{r[5]}
                print('-'*34)
    def Searching(self):
        search_a=input("Enter the name to search:")
        print('id\tname\tgender\tage\toccupation\tsalary\thobby\tlocation\tdisli
        with open(self.filename,'r')as f:
            data=csv.reader(f)
            namelist=list(data)
            s_result=[names for names in namelist if search_a in names]
            if len(s_result)>0:
                for r in s_result:
                     print(f'{r[0]}\t\t{r[1]}\t\t{r[2]}\t\t{r[3]}\t\t{r[4]}\t\t{
            else:
                print('No result found')
    def Deletion(self):
        name_delt=input("Enter the persons name to delate:")
        with open(self.filename,'r')as f:
            data=csv.reader(f)
            namelist=list(data)
            f_result=[names for names in namelist if name_delt  != names[0]]
        with open(self.filename,'w',newline="")as f:
            csvw=csv.writer(f)
            csvw.writerows(f_result)
            if(len(f_result)==len(namelist)):
                print("No data to delete")
            else:
                print("List is updated")
        self.Retrival()
    def menu(self):
```

```
        print("MENU")
        print('0. Exit')
        print('1. Insertion')
        print('2. Modification')
        print('3. Retrival')
        print('4. Searching')
        print('5. Recommantation')
        print('6. Deletion')
        c=None
        try:
            c=int(input("Enter the choice:"))
        except:
            logging.error("Enter the choice:")
        return c
        print('welcome to matrimony')

db=Matrimony()
a=db.menu()
while True:

    if a==0:
        break
    elif a==1:
        db.insertion()
        break
    elif c==2:
        db.modification()
        break
    elif a==3:
        db.Retrival()
        break
    elif a==4:
        db.Searching()
        break
    elif a==5:
        db.Recomandation()
        break
    elif a==6:
        db.Deletion()
        break
    else:
        pass
```

```
MENU
0. Exit
1. Insertion
2. Modification
3. Retrival
4. Searching
5. Recommantation
6. Deletion
Enter the choice:1
Enter UniqueId:22
Enter the name:Denesh
Enter the gender:Male
Enter the age:23
Enter the occupation:Engineer
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Enter the salary:24000
Enter the hobby:sining
Enter the location:Chennai
Enter the Dislikes:pets
```

In [ ]: