1. Given a family and extended family information, you need to find the list of eligible person one can marry.

For a male, a match will be,

\* his father's sisters' daughter

\* his mother's brothers' daughter

For a female, a match will be,

\* her father's sisters' son

\* her mother's brothers' son

The family information will be given in the format of

<person's name>, <gender>, <father's name>, <mother's name>

You need to list the eligible matches for a given person.

Assume names are unique.

import java.util.Scanner;

public class Main

{

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int n=5;

String name[]=new String[n];

String gender[]=new String[n];

String fathername[]=new String[n];

String mothername[]=new String[n];

String a="Male";

String b="Female";

for(int i=0;i<n;i++){

name[i]=sc.nextLine();

gender[i]=sc.nextLine();

fathername[i]=sc.nextLine();

mothername[i]=sc.nextLine();

}

String reqname=sc.nextLine();

for(int i=0;i<n;i++){

if(reqname.equalsIgnoreCase(name[i])){

if(gender[i].equalsIgnoreCase(a)){

for(int j=i+1;j<n;j++){

if(gender[j].equalsIgnoreCase(b)){

System.out.print(name[j]+" " );

}

}

}

else{

for(int j=0;j<n;i++){

if(gender[j].equalsIgnoreCase(a)){

System.out.print(name[j]+" ");

}

}

}

}

}

}

}

Example:

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**Input:**

**Family information:**

Ram, Male, Ramesh, Revathy

Bavana, Female, Ramesh, Revathy

Agilan, Male, Ram, Darshini

Yamini, Female, Elango, Bavana

Megala, Female, Elango, Bavana

Person name: Agilan

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**Output**: Yamini, Megala