import java.io.\*;

import java.util.ArrayList;

import java.util.Scanner;

public class Match {

public static ArrayList<Students> students = new ArrayList<Students>();

private static int totalStudents = 0;

public static void main(String[] args) throws FileNotFoundException{

String file = "FullRoster.txt";

Scanner input = new Scanner (new FileReader(file));

input.useDelimiter("[\t\r-]");

int test =0;

while (input.hasNextLine()){

String name = input.next();

char gender = input.next().charAt(0);

int month = input.nextInt();

int day = input.nextInt();

int year = input.nextInt();

int quiet = input.nextInt();

int music = input.nextInt();

int reading = input.nextInt();

int chatting = input.nextInt();

students.add(new Students(name,gender, new Date(month, day,year), new Preference(quiet, music, reading, chatting)));

//System.out.println(students.get(test).birthDay.dayOfYear() + " " + students.get(test).birthDay.getYear());

test++;

totalStudents++;

}

System.out.println(students.get(9).compare(students.get(14)));

input.close();

int maxScore =0;

int current = 0;

int k=0;

int p;

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

if(students.get(i).getMatch() == false){

maxScore =0;

current=0;

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

current = students.get(i).compare(students.get(j));

if(current == 0){

continue;

}

if(current > 0 && current > maxScore){

maxScore = current;

k=j;

}

}

if(students.get(i).getMatch() == false && students.get(k).getMatch() == false){

students.get(i).setMatch(true);

students.get(k).setMatch(true);

System.out.print(students.get(i).getName() + " matches with ");

System.out.println(students.get(k).getName() + " with score of " + maxScore);

System.out.println(i);

System.out.println(k);

}

else {

System.out.println(students.get(i).getName() + " has no match!");

}

}

}

}

}