Zoho – Programming Test

**Data Model:**

Class Family

{

**Data members:** person\_name, father\_name, mother\_name, gender;

**Methods:**

void assign(String pname, String gender, String fname, String mname)

{

//Instantiate all data members for each object

}

void eligibility(Person objperson[], int no.of objects, String pname)

{

Compare the objperson with other object familys as follows:

If(pname== objperson[].person\_name)

{

for(i=0;i<no.of objects;i++)

{ int k=i;

If((i!=k) && (pname.father\_name || pname.mother\_name) == objperson[i].father\_name || objerson[i].mother\_name) && (pname.gender!=objperson[i].gender))

{

System.out.println(objperson[i].person\_name);

} }

}}

class Person

{

public static void main(String ar[])

{

Person objPerson[] = Create array of objects for each family;

Input the person to check eligibility;

void eligibility();

}