

girls

inputCreator
~ Random r
~ Scanner scan
~ String s
~ int boys
~ int gifts
~ int girls
~ int k
~ File getFile(int)
~ int num(int)

Problem2
+ static void main(String[])

girl
~ String Name
~ String Pref
~ String Type
~ double Attr
~ double Intel
~ double Maint
~ double happiness
~ int check(boy)

boy
~ String Name
~ String Type
~ double Attr
~ double Intel
~ double MinAttr
~ double budget
~ double happiness
~ int check(girl)

couple
~ boy b
~ double compatability
~ double happiness
~ double totalPriceSpent
~ girl g
+ double compatability()
+ double happiness()
+ void computeRelationAttributesAndPrintGifts(gift[], int)
~ int check()
~ int giftAssign(gift[], double, int)

essential
~ double price
~ double value

gift
~ String a
~ String b
~ String c
~ String name
~ double price
~ essential e
~ int type
~ luxury l
~ utility u
~ String getType()
~ double price()

luxury
~ double difficulty
~ double luxuryRating
~ double price
~ double value

utility
~ double price
~ double utilityClass
~ double utilityValue
~ double value