Couples

f boy_name	String
f girl_name	String
f boy_type	String
f girl_type	String
f boy_budget	int
f girl_budget	int
f happiness	int
f girl_intelligence	int
f compatability	int
f girl_attractiveness	int
f boy_intelligence	int
f boy_attractiveness	int
m Couples(String, String, int, int, String, String, int, int, int, int	

Boys

f name	String
f status	String
f girlfriend	String
f type	String
f attractiveness	int
f girlfriend_budget	int
f intelligence	int
f happiness	int
f minimum_attraction	int
m Boys(String, int, int, int, String, int)	
m happiness(String, String, int)	int
m Is_Boy_Affordable(int)	boolean

Girls

f name	String
f status	String
f boyfriend	String
f type	String
f attractiveness	int
f maintenance_budget	int
intelligence	int
happiness	int
Girls(String, int, int, int, String)	
Is_Girl_Affordable(int, int)	boolean

util

f gifts_types	List<String>
f boys_types	List<String>
f girls_types	List<String>
f boys_list	ArrayList<Boys>
f girls_list	ArrayList<Girls>
f gifts_list	ArrayList<Gifts>
create_data()	void

main

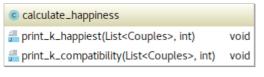|	
m main(String[])	void
m readBoys(String)	List<Boys>
m createBoys(String[])	Boys
m readGirls(String)	List<Girls>
m createGirls(String[])	Girls
readGifts(String)	List<Gifts>
createGifts(String[])	Gifts

CSVUtils

DEFAULT_SEPARATOR	char
writeLine(Writer, List<String>)	void
writeLine(Writer, List<String>, char)	void
followCVSformat(String)	String
writeLine(Writer, List<String>, char, char)	void

Gifts

f price	int
f value	int
f type	String
f name	String
m Gifts(String, int, int, Stri	

calculate_happiness

print_k_happiest(List<Couples>, int)	void
print_k_compatibility(List<Couples>, int)	void

Gifting_Procedure

gifting_technique(List<Couples>, List<Gifts>)	void