girl

+ name:str
+ attractiveness:int
+ maintenance_budget:int
+ intelligence:int
+ criterion:int
+ status:int
+ type:int
+ happiness:float

+ check(int):bool

boy

+ name:str
+ attractiveness:int
+ intelligence:int
+ budget:int
+ min_attractiveness:int
+ status:int
+ type:int
+ happiness:float

+ check(int):bool

gift

+ price:int
+value:int
+ type:int
+ luxury_rating:int
+ diff_to_obt:int
+ utility_value:int
+utility_class:int

couple

+ c_girl:girl
+ c_boy:boy
+ total_happiness:float
+ compatibility:int

girl

boy

gift

couple

main()