|  |
| --- |
| *account*  <<*Abstract*>> |
| name : String  country : String  city : String  password : String |
| +account(String,String,String,String)  +setName(String) : void  +setCountry(String) : void  +setCity(String) : void  +setPassword(String) : void  +getName() : String  +getCountry() : String  +getCity() : String  +getPassword() : String  +toString() : String |

|  |
| --- |
| investor |
| id : int  balance : double  a : Company  s1 : ArrayList<Company> |
| +investor(String,String,String,double,String)  +getId() : int  +getBalance() : double  +setBalance(double) : void  +getDeposite(double) : double  +buy(double) : double  +sell(double) : void  +toString() : String |

|  |
| --- |
| Company |
| numberofshares : int  maxsell : int  priceofeachshare : double |
| +Company(String,String,String,String,int,double,int)  +getName() : String  +setName(String) : void  +getNumberofshares() : int  +setNumberofshares(int) : void  +getPriceofeachshare() : double  +setPriceofeachshare(double) : void  +getMaxsell() : double  +setMaxsell(int) : void  +toString() : String |

|  |
| --- |
| investment  <<Interface>> |
|  |
| +buy(double) : double  +sell(double) : void |

|  |
| --- |
| anualinvestment |
| a : investor |
| +anualinvestment( investor)  +anual\_bonus() : double  +monthly\_bonus() : double |

|  |
| --- |
| F |
| File of company |

|  |
| --- |
| F2 |
| Fie of investor |