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| RECTANGLE |
| width : double  height: double |
| RECTANGLE()  RECTANGLE(width :double, height : double)  getArea() : double  getPerimeter() : double |

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| RECTANGLE |
| width=1.0  height=1.0 |

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| LINEAR EQUATION |
| a : double  b : double  c : double  d : double  e : double  f : double |
| LINEAREQUATION(a: double ,b : double , c : double ,d : double , e : double ,f : double )  getA() : double  setA(a : double)  getB() : double  setB( b : double)  getC() : double  setC(c : double)  getD() : double  setD(d : double)  getE() : double  setE(e : double)  getF() : double  setF(f : double)  getX() : double  getY() : double  isSolvable() : boolean  ab\_Minus\_bc() : double  LINEAREQUATION getIntersectingPoint(x1 : double,y1 : double, x2 : double, y2 : double, x3 : double, y3 : double, x4 : double, y4 : double)  LINEAREQUATION getIntersectingPoint(p1 Point , p2 Point , p3 Point, p4 Point)  LINEAREQUATION getIntersectingPoint(Point[] p)  LINEAREQUATION getIntersectingPoint( points : double) |

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| ACCOUNT |
| mName : String  mId : int  mAnnualIntrestRate : double  mDatecreated : date  mbalance : double  mTransactions : Array |
| ACCOUNT()  ACCOUNT(id : int, balance : double)  ACCOUNT(name : String, id : , double balance)  getId()  setId(int id)  getBalance()  setBalance(double balance)  getAnnualInterestRate()  setAnnualInterestRate(double annualInterestRate)  getDateCreated()  getMonthlyInterestRate()  withdraw(double amount)  deposit(double amount)  toString()  getTransactions() |