public class Stock

{//start of class

// class fields

private String ticker; //abbreviated id for stock name

private double stockPrice; // price per share

//define other two fields

//constructors

//constructor to create object and set all class fields

public Stock (String mTicker, double mStockPrice, double mNumberShares, double mDividend)

{//begin method

setTicker (mTicker);

setStockPrice (mStockPrice);

//set other two fields

}//end method

//noArg constructor to create object and set all class fields to default values

public Stock ( )

{//begin method

setTicker (null);

setStockPrice (0.0);

//set other two fields

}//end method

//class methods to store values in class fields – “set” methods

public void setTicker (String mTicker)

{//begin method

ticker = mTicker;

}//end method

//three other set methods

//class methods to retrieve values from class fields – “get” methods

public String getTicker ( )

{//begin method

return ticker;

}//end method

//three other get methods

//class calc methods to produce calculated data from class fields

public double calcStockValue ( )

{//begin method

double stockValue; //stock price times number of shares

stockValue = Math.round ( stockPrice \* numberShares \* 100) / 100.0;

return stockValue;

}//end method

//one other calc method

}//end of class