**package** assignments;

**class** Stocks{

**public** **float** stockRate;

**public** Stocks(**float** stockRate) {

**this**.stockRate=stockRate;

}

**public** String checkRate(**float** Rate) **throws** Exception{

**if**(Rate==0.8\*stockRate)

**return**"Hope to Rise";

**else** **if**(Rate<0.8\*stockRate)

**throw** **new** StockLowException("Under Loss");

**else**

**throw** **new** StockHighException("Under Profit");

}

}

**class** StockHighException **extends** Exception{

**public** StockHighException(String msg){

System.***out***.println("StockHighException : "+msg);

}

}

**class** StockLowException **extends** Exception{

**public** StockLowException(String msg) {

System.***out***.println("StockLowException : "+msg);

}

}

**public** **class** question30 {

**public** **static** **void** main(String[] args) {

Stocks stock = **new** Stocks(10.0f);

**try** {

String s = stock.checkRate(5.0f);

System.***out***.println(s);

}

**catch**(Exception e) {

}

}

}