```java
/**
 This program is an extension
 of the GradedActivity superclass.
 It will score an essay based
 on a scoring rubric.
 */

public class EssayClass extends GradedActivity
{
double grammar;
double spelling;
double correctL;
double content;

/**
The setScore method sets points for grammar, spelling, length and
content.
This method overloads the super class method. Note that the other "set"
methods are private. those methods are for validating points before
they
are assigned.
*/

public void setScore(double gr, double sp, double clen, double con)
{
setGrammar(gr);
setSpelling(sp);
setCorrectL(clen);
setContent(con);
super.setScore(grammar + spelling + correctL + content);
}

/**
@param g Grammar points.
*/

private void setGrammar(double g)
{
if (g <= 30)
{
grammar = g;
}
else
{
grammar = 0.0;
}}

/**
```

```java
@param s Spelling points
*/

private void setSpelling(double s)
{
if (s <= 30)
{
spelling = s;
}
else
{
spelling = 0.0;
}

/**
@param cl Length points.
*/

private void setCorrectL(double cl)
{
if (cl <= 30)
correctL = cl;
}
else
{
correctL = 0.0;
}

/**
@param co Content points.
*/

private void setContent(double co)
{
if (co <= 30)
{
content = co;
}
else
{
content = 0.0;
}

public double getGrammar()
{
return grammar;
}
public double getSpelling()
```

```java
{
return spelling;
}
public double getCorrectL()
{
return correctL;
}
public double getContent()
{
return content;
}
public double getScore()
{
return (grammar + spelling + correctL + content);
}
```