

```

public class Essay extends GradedActivity
{
    private double grammar;
    private double spelling;
    private double correctL;
    private double content;

    /*
     the setScore method sets the score for each of grading parts
     @param gr grammar points
     @param sp the spelling points
     @param clen the content length points
     @param con the content point
    */
    public void setScore(double gr, double sp, double clen, double
con)
    {
        setGrammar(gr);
        setSpelling(sp);
        setCorrectLength(clen);
        setContent(con);
        super.setScore(grammar + spelling + correctL + content);
    }

    /*
     the setGrammar method sets the score for the grammar
     @param gr grammar points
    */
    private void setGrammar(double g)
    {
        if (g <= 30 && g > 0)
            grammar = g;
    }

    /*
     the setSpelling method sets the score for the spelling
     @param s the spelling points
    */
    private void setSpelling(double s)
    {
        if (s <= 20 && s > 0)
            spelling = s;
    }

    /*
     the setCorrectLength method sets the score for the content length
     @param cl the content length points
    */

```

```

private void setCorrectLength(double cl)
{
    if (cl <= 20 && cl > 0)
        correctL = cl;
}

/*
the setContent method sets the score for the content
@param co the content point
*/
private void setContent(double co)
{
    if (co <= 30 && co > 0)
        content = co;
}

/**
The getGrammar method returns the grammar score.
@return The value stored in the grammar field.
*/
public double getGrammar()
{
    return grammar;
}

/**
The getSpelling method returns the spelling score.
@return The value stored in the spelling field.
*/
public double getSpelling()
{
    return spelling;
}

/**
The getCorrectL method returns the CorrectL score.
@return The value stored in the correctL field.
*/
public double getCorrectL()
{
    return correctL;
}

/**
The getContent method returns the Content score.
@return The value stored in the content field.
*/
public double getContent()
{

```

```
    return content;
}

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