	<pre>lm = LinearRegression()</pre>	
	Creates a linear regression object and stores it in the lm variable.	
	Assigns a linear regression model to the lm variable.	
	O Fits a regression object to the variable lm.	
	O Predicts output values of a linear regression object.	
2.	What steps do the following lines of code perform?	1 point
	<pre>Input=[('scale',StandardScaler()),('model',LinearRegression())]</pre>	
	pipe=Pipeline(Input)	
	<pre>pipe.fit(Z,y)</pre>	
	<pre>ypipe=pipe.predict(Z)</pre>	
	O Calculates the Coefficient of Determination	
	○ Finds the correlation between Z and y	
	Performs a prediction using a linear regression model	
	O Performs a polynomial transform on the features Z	

1. What does the following line of code do?

1 point

3.	What is the order of a polynomial created with this code?	1 point
	Pr = PolynomialFeatures(degree=2)	
	O A minimum of 2	
	O Between 0 and 2, inclusive	
	A maximum of 2	
	O 2	
4.	Which statement about R ² , the coefficient of determination, is true?	1 point
	Its value can be between 0 and 1 inclusive.	
	O Its value can be either 0 or 1.	
	O Its value can be any positive number.	
	O Its value can be in the range of -1 to 1, inclusive.	

5. Consider the following equation:

$$y = b_0 + b_1 x$$

The variable y is _____?

- O The predictor or independent variable
- O The intercept
- O The degree of the polynomial
- The target or dependent variable