Lea	e questions of this quiz are based on your work in <code>classifyingTrafficSigns.mlx</code> and your associated Classific arner app session. We recommend that you keep the completed live script reading and the associated Classification Lesion open as you complete this quiz.	
You	ı can submit this quiz and receive feedback as many times as you would like.	
1.	How many images with the label "Do Not Enter" are in imdsTrain?  192 240 768  Correct countEachLabel (imdsTrain)	1/1 point
2.	Using the default settings for the number of visual words, how many visual words are in the bag of visual words object?	1/1 point
	500	
	○ Correct     By default, the bagOfFeatures function creates a bag of visual words object with 500 visual words.	
Questions 3 through 5 ask about the model you trained in the Classification Learner app. If you trained multiple models, please answer the questions for the trained model you created with the highest test accuracy.		
If you have not trained a model with a test accuracy of 90% (or nearly 90%), it will benefit you to return to the assignment and attempt to improve your trained models. Take advantage of the "Common Issues in Image Classification" video and the course discussion boards for guidance.		
3.	What was the absolute difference (in percentage) between your model's validation accuracy and test accuracy?	1/1 point
	You can find a model's validation accuracy even after testing by selecting the "Summary" tab for a model.	
	Correct  Your test accuracy and validation accuracy are relatively close, indicating that you avoided overfitting your model to the training data.	
4.	In your trained model, which traffic sign had the highest true positive rate (TPR)?  Yield  Road Closed  Do Not Enter  End All Restrictions	1/1 point
	✓ Correct Be sure to select the "True Positive Rates (TPR) False Negative Rates (FNR)" option of the confusion matrix.	
5.	Use the Classification Learner app to view the ROC curves for your trained model. What is the area under the curve (AUC) for "Road Closed"?	0 / 1 point
	500	
	Nake sure that you select the "ROC Curve" plot option and choose the "Road Closed" positive class.	
	estions 6 and 7 ask you to use the same predictor features that you used to train your model to train other models in	the
6.	Using the same training predictor features you used to create your model, train a Fine KNN model and a Coarse KNN model. Which has a higher validation accuracy?  Tine KNN  Course KNN	1/1 point
	<ul> <li>✓ Correct</li> <li>Train these models and others in the Classification Learner App.</li> </ul>	
	Using the same training predictor features you used to create your model, train a Quadratic SVM model and a Fine Gaussian SVM. Which has a higher validation accuracy?  Quadratic SVM  Fine Gaussian SVM	1/1 point
	<ul> <li>✓ Correct</li> <li>Train these models and others in the Classification Learner App.</li> </ul>	