

```
%This function takes in the column vectors of cat and dog test guesses and outputs
%the corresponding fractions of misclassified images. Specifically, cat_error_rate
%is the fraction of 1's in cats_test_guesses and dog_error_rate is the fraction of
%0's in dogs_test_guesses.

function [cat_error_rate, dog_error_rate] = hw3_error_rate(cats_test_guesses,dogs_test_guesses);
    num_cat_images = numel(cats_test_guesses);
    num_dog_images = numel(dogs_test_guesses);

    cat_misclassified = sum(cats_test_guesses == 1);
    dog_misclassified = sum(dogs_test_guesses == 0);

    cat_error_rate = cat_misclassified / num_cat_images;
    dog_error_rate = dog_misclassified / num_dog_images;

%Your code should go above this line.
if (cat_error_rate < 0 | cat_error_rate > 1)
    error("The variable cat_error_rate is not between 0 and 1.")
end
if (dog_error_rate < 0 | dog_error_rate > 1)
    error("The variable dog_error_rate is not between 0 and 1.")
end
```

Not enough input arguments.

Error in hw3\_error\_rate (line 7)  
 num\_cat\_images = numel(cats\_test\_guesses);

