**1. Write the regular expression that matches any string that ends with a capital letter**

**[a-zA-Z][A-Z]+**

2. Write the regular expression that matches any string that begins with a digit, ends with a digit, and has AT MOST only one digit in the middle of the string.  (\* means zero or more of preceding, +means one or more and ? means 0 or 1 (we did not look at the ? in class))

So your answer should match

12    (begins and ends with a digit with nothing between)

2jfgkdjdlk5kjfdsdsj3 (begins and ends with a digit with one digit in middle)

345  (begins and ends with a digit with one digit in middle)

3ert5 (begins and ends with a digit with no digits in middle)

But does not match 3456 (too many digits)  abds23 (does not start with a digit) etc.

**[0-9]{1}[a-zA-Z]\*[0-9]?[a-zA-Z]\*[0-9]{1}**

3. Write a short php script  (a few lines) that uses preg\_replace.  LOOK UP PREG\_REPLACE ON PHP.NET; IT IS SIMILAR TO PREG\_MATCH. Give code that  calls preg\_replace to replace any vowel (aeiouAeiou) in a string with a dash (-). Test your code on a few strings, and show the output of those tests in your submission. Also give me the URL in the submission (in a comment at the top of the code) so that I can test it out.