You may use the division and/or modulus operators to examine the individual digits of an integer in the following exercises. Do not convert numbers to `Strings` or use loops.

1. Write an `if` statement that displays the message "ones digit is even" if the variable `num` is an even number. You can assume that `num` is greater than 1.

2. Write an `if` statement that displays the message "tens digit is odd" if the tens digit of the variable `num` is an odd number. You can assume that `num` is greater than 9.

3. Write an `if` statement that displays the message "hundreds digit is 5" if the hundreds digit of the variable `num` is 5. You can assume that `num` is greater than 99.

4. Write an `if` statement that displays the message "thousands digit is 3" if the thousands digit of the variable `num` is the number 3. You can assume that `num` is greater than 999.

5. Write a method named `isNumericPalindrome` that accepts an integer parameter named `num`. If `num` is a palindrome the method must return true. Otherwise the method must return false. You can assume as a precondition that num has exactly 5 digits (i.e. it is between 10000 and 99999.) For example, 12321 is a palindrome while 12231 isn't because it's the same number if reversed.

```
public boolean isNumericPalindrome(int num)
{
```