

**COP 2250**

Section #

**Assignment 4: Stepwise Refinement**

		100	Jenny B. Goode
<b>Presentation</b>	<b>10</b>		
Prog Id Paragraph	5	5	
Indentation	5	5	<i>Code must be easy to read, structures obvious</i>
<b>threeDigitSpelling()</b>	<b>50</b>		
uses decimalDigit()	6	6	<i>Correct calls for hundreds, tens, ones</i>
spells HUNDREDS	6	6	<i>Correct word. Must use Helper.</i>
iff appropriate	4	4	
word "Hundred"	2	2	
spells TENS word	6	6	<i>Correct word. Must use Helper.</i>
iff appropriate	4	4	
Spells TEEN word	6	6	<i>Correct word. Must use Helper.</i>
iff appropriate	4	4	
spells ONES word	6	6	<i>Correct word. Must use Helper.</i>
iff appropriate	4	4	
suitable spacing	2	2	<i>Uniform spacing between consecutive words</i>
<b>onesWord()</b>	<b>10</b>		
cases 0 .. 9, default	5	5	
correct returns	5	5	<i>Correct word, exception</i>
<b>teenWord()</b>	<b>10</b>		
cases 0 .. 9, default	5	5	
correct returns	5	5	<i>Correct word, exception</i>
<b>onesWord()</b>	<b>10</b>		
cases 0 .. 9, default	5	5	
correct returns	5	5	<i>Correct word, exception</i>
<b>decimalDigit()</b>	<b>10</b>		<i>Must implement the specified algorithm</i>
correct loop	5	5	
uses % to get digit	2	2	
correct returns	3	3	
<b>Minimum Requirements</b>			
Compilation	**		<i>Does not compile: Automatic 0</i>
Execution	**		<i>Compiles, but execution fails: Maximum 25</i>