CSCI 2170   **Name** _____
Homework 4

1. Write a specification file (i.e., header file) for the **Period** class that has a private field that is an enumeration type, representing the names of the periods. It should have functions that :
    o   return the period as a string, and
    o   increment the period to the next most **recent** period (if the period is already QUATERNARY, the increment operation should do nothing).
It should have a default constructor that sets the period to PRECAMBRIAN, and a constructor with a parameter of the enumeration type to allow the user to create a Period object containing any period.

The table of the entire periods is listed below:

Period Time	Starting Date (millions of years)
Quaternary	2.5
Tertiary	65
Cretaceous	136
Jurassic	192
Triassic	225
Permian	280
Carboniferous	345
Devonian	395
Silurian	435
Ordovician	500
Cambrian	570
Precambrian	4500 or earlier

2. Write the complete implementation file of Period class.