NamePeriod	
------------	--

Skill 17.1 Exercise 1
Consider the following partial class declaration
<pre>public class SomeClass{</pre>
private int myA;
public int myB;
public int myC;
<pre>public someClass(){}</pre>
}
The following declaration appears in another class. For each line of code, indicate whether or not it will compile
without error. If it does not compile indicate why.
<pre>SomeClass obj = new SomeClass();</pre>
obj.myA = 5;
int $x = 10$;
obj.myB = x;
double d = 3.14;
obj.myC = d;
int x = obj.myA;
THE K - ODJ. myrr,
<pre>int x = obj.myB;</pre>
<pre>double x = obj.myC;</pre>
System.out.println(obj.myA));
CL2II 4# 1 E
Skill 17.1 Exercise 2
The Element class represents different elements on the periodic table. The following instance variables are used to
define each element, symbol, atomicMass, atomicNumber, isMetal. Write the encapsulated Element class below.
What does it mean for a class to be encapsulated?

AP Computer Science A Ticket Out the Door Set 17: Getters and Setters

Name Period Period	
Skill 17.2 Exercise 1	
Write getter and setter methods for each of the instance variables in the Element class from the previous examp	1
write getter and setter methods for each of the instance variables in the Element class from the previous examp	ie.
Skill 17.2 Exercise 2	
Modify the constructor of the Element class to accept parameters which can be used to initialize the instance	
would the constructor of the Element class to accept parameters which can be used to infidance the instance	
variables: symbol, atomicMass, and atomicNumber. In the constructor, assign the value of isMetal to true.	

AP Computer Science A Ticket Out the Door Set 17: Getters and Setters

Name	Period
Skill 17.2 Exercise 3	
The ElementMaker class creates elements by instantiating the Elem	nent class above. Write code that could be used
to create the element Nitrogen and print all the values of the instance	ce variables.
Write code that could be used to change the atomicMass of Nitroge	en to a different value.