Name: <u>Matthew Guthrie</u>   Date: <u>1/18/17</u>

05.06 Desk Check: MysteryPrintWriter.java

Complete a desk check of the MysteryPrintWriter class in the space provided below.

```
< 1>   import java.io.IOException;
< 2>   import java.io.PrintWriter;
< 3>   import java.io.File;
< 4>   class MysteryPrintWriter
< 5>   {
< 6>       public static void main (String [ ] args) throws IOException
< 7>       {
< 8>
< 9>           PrintWriter outFile = new PrintWriter(new File("bah.txt"));
<10>
<11>           for (int loop = 1; loop <= 10; loop++)
<12>           {
<13>               outFile.println(loop + " " + (char)(83)+(char)(104)+(char)(101)+(char)(101)+(char)(112));
<14>           }//end of for loop
<15>           outFile.close ( );   //close the file when finished
<16>
<17>       }//end of main method
<18>   }//end of class
```

Lines

< 1> Imports the IOException class for handling errors.

< 2> Imports the PrinWriter class, which contains outFile() used in line 9

< 3> Imports the File class, which allows File objects to be created, such as on line 9

< 4> Declares the class

< 5> Opening curly brace of the class

< 6> Declares the main method

< 7> Opening curly brace of the main method

< 8> Empty line

< 9> Creates a PrintWriter object outFile, which will be used to write text into bah.txt

<10> Empty line

<11> For loop declaration

<12> Opening curly brace of for loop

<13> Prints the place in the loop, then a space, and then a string represented with ASCII, into the outFile

<14> Closing curly brace of the for loop

<15> Closes the outFile

<16> Empty Line

<17> Closing curly brace of main method

<18> Closing curly brace of the class