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# 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>

<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> }//end of main method

<17> }//end of class

**Lines**

< 1> Imports IOException class to deal with errors.

< 2> Imports the PrintWriter class which allows the outFile object to be created.

< 3> Imports the File class which allows a File object to be created.

< 4> Declares a class called MysteryPrintWriter.

< 5> Opening curly brace for class.

< 6> Main method, which begins the program execution.

< 7> Opening curly brace for main method.

< 8> Blank space for readability.

< 9> Creates a PrintWriter object called outFile, which represents bah.txt. <10> Blank space for readability.

<11> for loop counts up from 1 to 10, then jumps to

<12> Opening curly brace for for loop.

<13> The println method prints the loop value to the file, then it prints a blank space. Then, 5 numbers are casted into their corresponding ASCII values, and concatenated together with the space to form “Sheep”.

<14> Ending curly brace for for loop.

<15> Close method closes the output stream.

<16> Closing curly brace for main method.

<17> Closing curly brace for class.