|  |
| --- |
| **Skill 6.1 Exercise 1** |
| Declare a driver class called MadLibs. Import the libraries required of the Scanner class. |
|  |

|  |
| --- |
| **Skill 6.2 Exercise 1** |
| (a) Declare a Scanner object but do not initialize it – you can call it whatever you want so long as it follows the Java naming conventions. |
|  |
| (b) Initialize your Scanner object so it can receive keyboard input |
|  |

|  |
| --- |
| **Skill 6.3 Exercise 1** |
| Suppose you want to create a MadLibs game. This is a game that prompts the user for input like nouns, verbs, places, names, etc. and incorporates them into a story. Using the Scanner object you declared above, write code that could be used to prompt the user for the following data types: int, double, String |
|  |

|  |
| --- |
| **Skill 6.3 Exercise 2** |
| Using the Scanner object you declared above, write code that could be used to prompt the user for their first and last name all at once. Print “Hello <<first name last name>> to the console”. |
|  |

|  |  |
| --- | --- |
| **Skill 6.3 Exercise 3** | |
| Indicate whether each of the following is legal or illegal. If it is illegal explain. Assume each uses the Scanner object declared below,  Scanner s = new Scanner(System.in); | |
| System.out.println(“How old are you?”);  int age = s.nextInt();//user inputs “sixteen” |  |
| System.out.println(“How tall are you?”);  int height = s.nextInt();//user inputs 5’7” |  |
| System.out.println(“How old are you?”);  int age = s.nextInt();//user inputs 17 |  |
| System.out.println(“How old are you?”);  String age = s.next();//user inputs 15 |  |
| System.out.println(“What is your name”);  String name = s.next();//user inputs “Lady Gaga” |  |
| System.out.println(“What is your name”);  String name = s.nextLine();//userinputs “Lady Gaga” |  |

|  |
| --- |
| **Skill 6.4 Exercise 1** |
| Will the following code execute as expected? If not, how might you fix it?  Scanner s = new Scanner(System.in);  System.out.println("How old are you");  int myNum = s.nextInt();  System.out.println("What is your name");  String myLine = s.nextLine();  System.out.println(myLine); |
|  |