

Name _____ Period _____

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”.

AP Computer Science A
Ticket Out the Door
Set 6: Input from the Keyboard

Name _____ Period _____

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();//user inputs "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);
```