CMSC131 QUIZ #1 FALL 2019 (DURATION: 10 MINUTES)

FIRSTNAME, LASTNAME (PRINT IN UPPERCASE):

STUDENT ID (e.g. 123456789):

Provide your answers in the rectangular areas.

1. Which of the following are valid (will compile) Java identifiers? Circle the VALID ones.

`globe^4`	`keyword+1`	`cord$$$$`	`semaphore_Sign`

2. Complete the program below that prints the result of evaluating the expression (**a^2 / 4) + 7**, where a is an integer value. The program will read the value of a by printing the message "Enter a:". If the value of a is 0 or it is odd, no computation will take place and the program will print the message "WD". Otherwise, the program will print the value of the expression after the message "Ans:". Remember that the Scanner nextInt() method allows you to read an integer. You can assume users will always provide integer values. The following are examples of running the program. Underlined text represents input provided by the user.

`Enter a: 2` `Ans: 8`	`Enter a: 0` `WD`	`Enter a: 3` `WD`

```
public class EvalExpression {

       public static void main(String[] args) {
              Scanner scanner = new Scanner(System.in);

              scanner.close();
       }
}
```