public class FirstSemeserteExamPractice{

public static void main(){

//\_\_\_\_\_ 1)The default value used for initializing numerical type class variablesis \_\_\_\_\_\_\_\_\_\_ .

//\_\_\_\_\_ 2)In Java, how many bytes are used to represent an double?

//\_\_\_\_\_ 4) Give an example of an excape sequence?

//\_\_\_\_\_ 5) What are the rules for a variable name?

//\_\_\_\_\_ 6) How does a sequential search differ from a binary search?

//\_\_\_\_\_ 7) Give an example of a literal constant?

boolean a = false, b = true, c = true, booleanAnswer;

int i = 3, j = 5,k = 6, intAnswer;

double x = 2.0, y = 3.0, zz = 4.0, doubleAnswer;

char c1 = 'a', c2 = 'b', c3 = 'c';

char capitalLetter = 'B';

char charAnswer ;

// Evaluate the expressions and correctly write the answer in the blank provided.

/\* \_\_\_\_\_ 9 \*/ booleanAnswer = !a && b && i < j && 5 \* j > k \* 2;

System.out.println("9) " +booleanAnswer);

/\* \_\_\_\_\_ 11 \*/ booleanAnswer = a || b || c && a && 2 \* i >= k \* i % 2;

System.out.println("11) " +booleanAnswer);

/\* \_\_\_\_\_ 13 \*/ booleanAnswer = !!!(!a && !(b && !c))||j > k;

System.out.println("13) " +booleanAnswer);

/\* \_\_\_\_\_ 16 \*/ booleanAnswer = b && b || a && !c || c;

System.out.println("16) " +booleanAnswer);

/\* \_\_\_\_\_ 20 \*/ intAnswer = ((int)( zz / y + i / k + 7 )) % 2 + 2 \* i;

System.out.println("20) " +intAnswer);

/\* \_\_\_\_\_ 21 \*/ intAnswer = ((int)( zz / y + zz )) \* (i/k) % 3;

System.out.println("21) " +intAnswer);

/\* \_\_\_\_\_ 24 \*/ doubleAnswer = (int) (zz / y) + 42 / ( 221 % 2) \* (50002 %2);

System.out.println("24) " +doubleAnswer);

/\* \_\_\_\_\_ 26 \*/ doubleAnswer = zz / y \*(k %i);

System.out.println("26) " +doubleAnswer);

/\* \_\_\_\_\_ 29 \*/ charAnswer = ( char ) ( capitalLetter + ( 'd' - 'D' ) ) ;

System.out.println ( "29) " + charAnswer) ;

// \_\_\_\_\_ 38) A syntax mistake will cause which type error types?

}}