**SKIP1013(QUIZ 1)**

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Matric:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Insert the missing part of the code below to output "Hello World".

public class MyClass {

public static void main(String[] args) {

..("Hello World");

}

}

 Answer: System.out.println

1. Create a variable named carName and assign the value Volvo to it.

  = ;

Volvo

carName

String

**3.**Create a variable named maxSpeed and assign the value 120 to it.

  = ;

120

maxSpeed

int

**4.**Display the sum of 5 + 10, using two variables: x and y.

  = ;

5+10

x, y

int

int y = 10;

System.out.println(x + y);

**5.**Create a variable called z, assign x + y to it, and display the result.

  int x = 5;

int y = 10;

  = x + y;

z

int

System.out.println();

z

**6.**Fill in the missing parts to create three variables of the same type, using a **comma-separated list**:

 x = 5 y = 6 z = 50;

, int

, int

int

System.out.println(x + y + z);

**7.**Add the correct data type for the following variables:

 myNum = 9;

int

 myFloatNum = 8.99f;

float

 myLetter = 'A';

char

 myBool = false;

boolean

 myText = "Hello World";

String

**8.**byte, short, int, long, float, double, boolean and char are called:

 data types.

primitive

**9. Type casting** - convert the following double type (myDouble) to an int type:

double myDouble = 9.78d;

int myInt =  myDouble;

double

**10.** Use the correct operator to increase the value of the variable x by 1.

int x = 10;

x;

1 + =

**11.**Use the **addition assignment** operator to add the value 5 to the variable x.

int x = 10;

x  5;

= x +

**12.**Use the **correct method** to print the length of the txt string.

String txt = "Hello";

System.out.println(.);

length

txt

**13.**Convert the value of txt to upper case.

String txt = "Hello";

toUppercase ();

System.out.println(.);

txt

**14.**Use the correct operator to **concatenate** two strings:

String firstName = "John ";

String lastName = "Doe";

System.out.println(firstName  lastName);

+

**15.**Use the correct method to **concatenate** two strings:

String firstName = "John ";

String lastName = "Doe";

+

System.out.println(firstName.(lastName));

**16.** Return the **index** (position) of the first occurrence of **"e"** in the following string:

String txt = "Hello Everybody";

System.out.println(txt.());

**17.**Use the correct method to find the **highest value** of x and y.

int x = 5;

int y = 10;

max

Math.(x, y);

**18.**Use the correct method to find the **square root** of x.

int x = 16;

Math.(x);

sqrt

19. Use the correct method to return a random number between 0 (inclusive), and 1 (exclusive).

Math.;

20. Fill in the missing parts to print the values true and false:

 isJavaFun = true;

boolean

 isFishTasty = false;

boolean

System.out.println(isJavaFun);

System.out.println(isFishTasty);