Java Basics Test

Total points 25/30



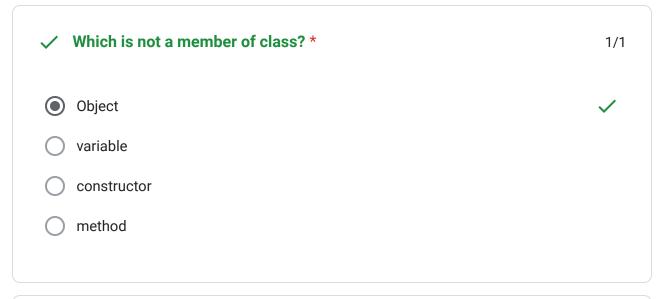
The respondent's email (singhadityakumar1911@gmail.com) was recorded on submission of this form.

```
public class Prime {
                                                                             1/1
 int a=10;
    a=20;
 }
 public static void main(String[] args) {
    int a=30;
    System.out.println(new Prime().a);
30
10
20
Compile Time Error
```

```
✓ public class Prime {
                                                                                  1/1
        int a=20;
      }
      public static void main(String[] args) {
        System.out.println(new Prime().a);
      }
     30
     10
     20
Compile Time Error
     Which of the following is not valid variable declaration in Java? *
                                                                                  1/1
     String a,b="10",c;
     String a,b,c;
     string s;
     String STRING;
```

What type of variable in Java is best suited for storing large whole numbers?	*1/1
int	
float	
long	~
double	
✓ What is the extension of java code files? *	1/1
.class	
.class .Java	
	✓
O .Java	✓

```
★ public class SimpleDemo {
                                                                                0/1
      int a=10;
      public static void main(String[] args) {
        int a;
        System.out.println(a);
      }}
     0
     10
     Compile Time Error
                                                                               X
     Run Time Error
Correct answer
Compile Time Error
     public static void main(String[] args) { *
                                                                                1/1
        double a=10;
        System.out.println(a);
      }
     10
    10.0
     Compile Time Error
```



```
public class SimpleDemo {
                                                                           1/1
 int a=10;
    System.out.println(123);
 }
public static void main(String[] args) {
    System.out.println(new SimpleDemo().a);
 }
123 10
10 123
10
123
Compile Time Error
```

✓	What is local variable? *	1/1
•	Variables defined inside methods, constructors or blocks are called local variables.	✓
0	Variables defined outside methods, constructors or blocks are called local variables.	
0	a variables defined outside methods, constructors or blocks are called local variables.	
0	None of the above	
✓	What is the difference between local variables and instance variables in Java?	*1/1
0	Local variables can only be accessed within the method they are declared in, whi instance variables can be accessed by any method within the class.	ile
0		are
0	instance variables can be accessed by any method within the class. Local variables have a shorter lifespan and are destroyed when the method they declared in is executed, while instance variables exist as long as the object of the	are e
	instance variables can be accessed by any method within the class. Local variables have a shorter lifespan and are destroyed when the method they declared in is executed, while instance variables exist as long as the object of the class exists. Local variables are declared within a method, while instance variables are declared.	are e

```
✓ public class Prime {
                                                                                 1/1
      int a=10;
         a=20;
      }
      public static void main(String[] args) {
         int a=30;
         System.out.println(a);
 30
     10
     20
     Compile Time Error
Contact Number *
9122890584
ExtendedForms Id (skip this field)
DO NOT EDIT this field or your score will not recorded.
```

✓ GLOBAL VARIABLE int i=10; AND LOCAL VARIABLE int i=20; IF YOU PRINT i IN LOCAL SCOPE WHAT IS THE OUTPUT	*1/1
20	✓
O 10	
○ I	
Compile Time Error	
✓ What is the purpose of initializing a variable in Java? *	1/1
To allocate memory for the variable.	
To assign a value to the variable.	✓
To specify the data type of the variable.	
To make the variable accessible to other methods.	
★ Which of the following is a valid creation of an object of class Box? *	0/1
Box obj = new Box;	×
obj = new Box();	
new Box obj;	
new Box();	
Correct answer	
new Box();	

H

✓	Which of the following is the correct way to declare multiple varibles of the same type?	*1/1
0	int a; int b; int c;	
\bigcirc	int a,b,c;	
\bigcirc	int a,b=5,c;	
•	All the above	✓
Nam	e *	
Adity	a Kumar Singh	

```
public class SimpleDemo {
                                                                          1/1
    System.out.println(123);
    System.out.println(456);
  }
  public static void main(String[] args) {
    new SimpleDemo();
    new SimpleDemo();
 123 456
 123 456 123 456
 123 123 456 456
 Compile Time Error
```

~	What happens when you assign a new value to an existing variable in Java?	*1/1
0	The variable gets duplicated	
0	An error occurs	
•	The original value is overwritten	✓
0	The variable becomes undefined	

```
✓ public class Prime {
                                                                               1/1
      int a=10;
      {
        Prime p=new Prime();
        System.out.println(p.a);
      public static void main(String[] args) {
      Prime p=new Prime();
      System.out.println(p.a);
      }
    no output
    Run Time Error
    Compile Time Error
```

```
✓ public class Prime {
                                                                                1/1
      int Int=10;
      public static void main(String[] args) {
      Prime p=new Prime();
      System.out.println(p.Int);
    10
     10.0
     Compile Time Error
     Run Time Error
```

```
✓ public class Prime {
                                                                                1/1
      int a=10;
        a=20;
      }
      public static void main(String[] args) {
        Prime p=new Prime();
        System.out.println(p.a);
    30
     10
    20
    Compile Time Error
```

```
    ★ public class Prime {
                                                                               0/1
      int a=10;
      {
        Prime p=new Prime();
        System.out.println(p.a);
      public static void main(String[] args) {
     no output
     Run Time Error
     Compile Time Error
Correct answer
 no output
JAVA Batch Number *
JBA-JFFCJD-M36
```

✓ which is the valid declaration of the main method *	1/1
Public static void main(String[] args)	
public Static void main(String[] args)	
public static void main(String[] args)	✓
None of the above	
All of the above	
✓ Local variables have default values *	1/1
true	
false	✓
✓ Which of the following statements about the Java compiler is true? *	1/1
The java compiler(javac) is part of the JRE	
The java compiler(javac) is part of the JDK	✓
The java compiler(javac) can directly execute Java Programs	
The java compiler(javac) converts bytecode into machine code	

<pre> x public class \$Demo123_{ * }</pre>	0/1
 Compile Time Success Compile Time Error Runtime Erro Runtime Success Correct answer Compile Time Success 	×
✓ Which of the following statements is true about variable names in Java	!? * 1/1
 Variable names can contain spaces. Variable names can start with a number. Variable names can have number Variable names can include special characters like # and @. 	✓

<pre> public class SimpleDemo { int a=10; public static void main(String[] args) { int a=20; System.out.println(a); } } </pre>	1/1
 20 10 10,20 20,10 	✓
✓ Which of the following is not a valid variable name in Java? *	1/1
myVariable	
variable	
2variable	✓
variable2	

× which is not an identifier *	0/1
variable	
method	
Object	
class	×
Correct answer	
object	

This content is neither created nor endorsed by Google. - <u>Terms of Service</u> - <u>Privacy Policy</u>

Does this form look suspicious? Report

Google Forms