

Quiz Day 1 (data type and variable)

JDK stands for __Java development kit__.

1. Java development kit
 2. Java deployment kit
 3. JavaScript deployment kit
 4. None of these
-

What makes the Java platform independent?

1. Advanced programming language
 2. It uses bytecode for execution
 3. Class compilation
 4. All of these
-

Can we keep a different name for the java class name and java file name?

1. Yes
 2. No
-

What is the entry point of a program in Java?

1. main() method
 2. The first line of code
 3. Last line of code
 4. main class
-

Which of the following is the correct syntax to create a variable in Java?

1. var name;
 2. int name;
 3. var name int;
 4. All of these
-

Can the Java program accept input from the command line?

1. Yes, using command-line arguments
 2. Yes, by access command prompt
 3. No
 4. None of these
-

String args[] in main method are used for?

```
public static void main(String args[])  
  
{  
  
    //  
  
}
```

- A) Passing arguments at compile time
- B) Passing arguments at run time
- C) Counting number of words
- D) Nothing

What is the use of Access modifier "public" in Java language?

- A) To hide the main method from misuse
- B) To call the main method outside of Class or Package by JVM
- C) To protect main method
- D) None of the above

What is the need to mention "static" before main method?

- A) To call main method without creating an object of class
- B) To make main method as class method common to all instances
- C) Both A and B
- D) None of the above

What does a Data Type in Java refers to?

- A) The place where data is stored
 - B) The technique how data is retrieved
 - C) The type or variety of data being handled for reading and writing
 - D) None of the above
-

which among the following is not a Data Type in Java?

- A) short
 - B) int
 - C) long double
 - D) double
-

Which is the data type that is not recommended for numeric applications in Java?

- A) byte
 - B) float
 - C) int
 - D) long
-

What is the size of a FLOAT floating point number in Java?

- A) 2 bytes
- B) 4 bytes
- C) 6 bytes
- D) 8 bytes

What is the abbreviation of ASCII?

- A) American Standard Characters for Information Interchange
- B) Australian Standard Code for Information Interchange
- C) American Standard Code for Information Interchange
- D) None of the above

Java is case sensitive language

- a) True
- b) false

What is the error in this code?

```
byte b = 50;  
b = b * 50;
```

This problem has only one correct answer

- a) b can not contain value 2500, limited by its range.
- b) * operator has converted b * 50 into int, which can not be converted to byte without casting.
- c) b can not contain value 50.
- d) No error in this code.

```
public class Solution{  
    public static void main(String [] args) {  
        double a = 6 / 4;  
        int b = 6 / 4;  
        double c = a + b;  
        System.out.println(c);  
    }  
}
```

- a) 3.0

b)2.0

c)2.5

d)1.5

```
public class Solution{
    public static void main(String [] args) {
        double a = 55.5;
        int b = 55;
        a = a % 10;
        b = b % 10;
        System.out.println(a + " " + b);
    }
}
```

a) 5 5

b)5.5 5

c) 6.5

d) none of the above

```
public class Solution {
    public static void main(String [] args) {
        int var1 = 5;
        int var2 = 6;
        System.out.print(var1 > var2);
    }
}
```

a) true

b) false

c) 0

d) 1

e) error

if else

```
public static void main(String args[])
{
    int a=10,b=15;
    if(a>b)
    {
        System.out.print("a ");
    }
}
```

```
else
{
    System.out.print("b ");
}
System.out.print("is greater");
}
```

a)a

b)b

c)a is greater

d)b is greater

```
public static void main(String args[])
{
    int x = 5;
    if (x < 6)
        System.out.print("Hello ");
    if(x == 5){
        System.out.print("Hi ");
    }
    else{
        System.out.print("Hey ");
    }
}
```

ANS: Hello Hi

```
public static void main(String args[])
{
    int var1 = 5;
    int var2 = 6;
    if ((var2 = 1) == var1)
        System.out.print(var2);
    else
        System.out.print(var2 + 1);
}
ANS: 7
```

Let a and b are the two integers. Which option can be used to check out that one of the numbers is positive and the other is negative?

- a) $a > 0 \ \&\& \ b > 0$
 - b) $a > 0 \ \&\& \ b < 0$
 - c) $a < 0 \ || \ b < 0$
 - d) $a * b < 0$
-

```
public static void main (String[] args) {  
    int i=0;  
    while(i<10)  
    {  
        i=i+1;  
        System.out.print(i);  
        i=i+1;  
    }  
}
```

ANS: 1 3 5 7 9

```
main() {  
    int a=50,b=20;  
    if(a>b)  
    {  
        if(a>100)  
            print ("Ace");  
        if(b<100)  
            b=50;  
    }  
    else if(a==b)  
    {  
        print ("King");  
    }  
    else  
    {  
        print ("Queen");  
    }  
}
```

ANS: King