Practise Quiz

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MCQ QUESTIONS

If you are inserting any value in the wrong index as shown below,

int a[]=new int[5];

a[10]=50;

it would result in _____.

- ArrayIndexoutOfBoundsException
- ArrayIndexOutOfBoundsException
- ArrayIndexOutofBoundException
- ArrayIndexOutOfBoundException

Correct answer

- ArrayIndexOutOfBoundsException

What is the output of this program?

```
class increment
{
public static void main(String args[])
{
double var1 = 1 + 5;
double var2 = var1 / 4;
int var3 = 1 + 5;
int var4 = var3 / 4;
System.out.print(var2 + " SPACE " + var4);
}
}
```

- ○ 1 SPACE 1
- ○ 0 SPACE 1
- ◉ 1.5 SPACE 1
- ○ 1.5 SPACE 1.0

Can 8 byte long data type be automatically type cast to 4 byte float data type? *

- ○ True
- ◉ False

Correct answer

- ◉ True

From the following statements which is a disadvantage of an java array?

- ○ An array can hold primitive types data
- ◉ An array has its size that is known as array length
- ○ An array knows only its type that it contains. Array type is checked at the compile-time
- ○ An array holds only one type of data

Correct answer

- ◉ An array holds only one type of data

After execution of the following code fragment, what are the values of the variable x, a and b?

```
int x, a = 6, b = 7;

x = a++ + b++;
```

- ○ x=15,a=7,b=8
- ○ x=15,a=6,b=7
- ◉ x=13,a=7,b=8
- ○ x=13,a=6,b=7

Which field in the array should give us the number of elements in it?

- ○ index
- ◉ length
- ○ size
- ○ count

Which declarations of main() method are valid in order to start the execution of an application?

- ○ public void main(String args[])
- ○ public void static main(String args[])
- ○ public static main(String args[])
- ◉ public static void main(String args[])

What happens if main() method is written without String args[ ]?

- ◉ The code compiles but JVM cannot run it
- ○ The code compiles as well as it will run
- ○ The code will not compile
- ○ None of the above

What will be the output of the program?

```
class Test {
public static void main(String [] args) {
int x=20;
String sup = (x < 15) ? "small" : (x < 22)? "tiny" : "huge";
System.out.println(sup);
}
}
```

- ○ small
- ◉ tiny
- ○ huge
- ○ Compilation fails

What type of data would your name be? *

- ○ Real
- ○ Boolean
- ○ Integer
- ◉ String

What keyword is used to create an object?

- [x] new
- [ ] create
- [ ] build
- [ ] start
- [ ] main

Which statement provides an easy way to dispatch execution to different parts of your code based on the value of an expression?

- [ ] If
- [x] Switch
- [ ] Nested-if
- [ ] if-else-if

Which statement is true regarding an object? *

- [ ] An object is what classes instantiated are from
- [x] An object is an instance of a class
- [ ] An object is a reference to an attribute
- [ ] An object is a variable

Why pointers are eliminated from java?

- ○ Pointers lead to confusion for a programmer
- ○ Pointers may crash a program easily
- ◉ Pointers break security
- ○ All of the above

Correct answer

- ◉ All of the above

The following program is an example for?

```
class Student{
int id;
String name;
void display(){System.out.println(id+" "+name);}
public static void main(String args[]){
Student s1=new Student();
Student s2=new Student();
s1.display();
s2.display();
}
}
```

- ○ Parameterized constructor
- ◉ Default Constructor
- ○ Overloading Constructor
- ○ None of the above

```
public class HelloWorld{

public static void main(String []args){

int i;

for (i=1;i<6;i++){

if(i>3) continue;

}

System.out.println(i);

}

}
```

- ○ 3
- ◉ 6
- ○ 5
- ○ 4

Predict the output of the following program.

```
class A{
int a=40;//non static
public static void main(String args[]){
System.out.println(a);
}
}
```

- (●) Compilation Error
- ( ) 40
- ( ) 0
- ( ) None of the above

Basic Java language functions are stored in which of the following java package?

- ( ) java.io
- (●) java.lang
- ( ) java.net
- ( ) java.awt

break statement is used to

i) get out of method ii) end a program

iii) get out of a loop iv) get out of the system

- ○ 1 & 2
- ○ 1,2 & 3
- ○ 1 & 3
- ◉ 3

which of the following is wrapper class in java

- ○ Float
- ○ Integer
- ○ Double
- ◉ all of above

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