

OOPJ FINAL QUIZ DBDA SEPT22

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All the best !

Which of these classes can generate an array which can increase and decrease in size automatically?

- ☒ a) ArrayList()
- ☐ b) DynamicList()
- ☐ c) LinkedList()
- ☐ d) MallocList()

[Clear selection](#)

If an expression contains double, int, float, long, then the whole expression will be promoted into which of these data types?

- ☐ Int
- ☒ Double
- ☐ Long
- ☐ Float

[Clear selection](#)



What is the output of following program

```
public class temp
{
    public static void main(String args[])
    {
        int x=1;
        if(x)
            System.out.println("True");
        else
            System.out.println("False");
    }
}
```

- ☐ True
- ☐ False
- ☒ Error
- ☐ No output

Clear selection

Which of these keywords is used to define interfaces in Java?

- ☒ a) interface
- ☐ b) Interface
- ☐ c) intf
- ☐ d) Intf

Clear selection



Which of the following statement is true about final keyword?

- ☐ a) final class cannot be inherited.
- ☐ b) final variable cannot be changed.
- ☐ c) final method cannot be overridden
- ☒ d) All the above are true.

Clear selection

Which of the followings are **TRUE** about 'finally'?

- i. Used in garbage collection
 - ii. Used in exception handling
 - iii. Will execute only when exception occurs
 - iv. Will always execute whether an exception occurs or not.
- ☐ a. Only i
 - ☐ b. Only ii
 - ☐ c. ii and iii
 - ☒ d. ii and iv

Clear selection



What is the size of short data type in java

- ☐ 1 byte
- ☒ 16 bits
- ☐ 4 bytes
- ☐ 8 bits

Clear selection

Which of the followings are **FALSE**?

- i. String is mutable
- ii. String is immutable
- iii. StringBuffer is mutable
- iv. StringBuffer is immutable

- ☐ a. i and ii
- ☒ b. i and iv
- ☐ c. ii and iii
- ☐ d. ii and iv

Clear selection



Objects are created and stored in

- ☒ a. Heap area
- ☐ b. Method area
- ☐ c. JVM stack
- ☐ d. PC register

Clear selection

Which of the following statement is **FALSE**?

- ☐ a. A Collection object contains references to a group of objects
- ☐ b. A Collection object can be used to store primitive type data also
- ☐ c. Comparable or Comparator are interfaces implemented to compare user defined objects
- ☒ d. Map stores data in key value pair

Clear selection



```
class Fun{  
    public static void main(String args[ ]){  
        float f= 38.56;  
  
        System.out.println(f);  
  
    }  
}
```

- ☐ 38.56
- ☒ Compiletime error
- ☐ Runtime Error
- ☐ 38.560000

[Clear selection](#)

Which among the following doesn't come under OOP concept?

- ☐ Data Hiding
- ☐ Message Passing
- ☒ Platform Independent
- ☐ Data Binding

[Clear selection](#)

What decides thread priority?

- ☐ a) Process
- ☐ b) Process scheduler
- ☐ c) Thread
- ☒ d) Thread scheduler

Clear selection



What will be the output of the following program?

```
class ExceptionDemo
{
    public static void main(String args[])
    {
        try{
            int x = 5/0;
        }
        catch(Exception e) { //This block handles all Exception
            System.out.println("Exception");
        }
        catch(ArithmeticException e) {
            System.out.println("ArithmeticException");
        }
        System.out.println("Bye");
    }
}
```

- ☐ a. Exception Bye
- ☐ b. Arithmetic Exception Bye
- ☐ c. Bye
- ☒ d. Compilation error

Clear selection



Which is a non-static method having the same name as its class?

- ☐ Field
- ☐ Method
- ☒ Constructor
- ☐ None of the above

Clear selection

Which of these keywords are used to implement synchronization?

- ☒ a) synchronize
- ☐ b) syn
- ☐ c) synch
- ☐ d) synchronized

Clear selection

Which of the following is a type of polymorphism in Java Programming?

- ☐ a) Multiple polymorphism
- ☒ b) Compile time polymorphism
- ☐ c) Multilevel polymorphism
- ☐ d) Execution time polymorphism

Clear selection



What will be the output of the following code snippet?

```
String str = "Hello";  
  
str.concat(" Friends");  
  
str.concat(" Welcome");  
  
System.out.println(str);
```

- ☐ a. Hello
- ☐ b. Friends
- ☐ c. Hello Friends
- ☒ d. Hello Friends Welcome

Clear selection

In which statement the loops are skipped and the next iteration starts.

- ☐ Break
- ☒ Continue
- ☐ Go to
- ☐ Label

Clear selection



Which of these is necessary condition for automatic type conversion in Java?

- ☐ The destination type is smaller than source type
- ☒ The destination type is larger than source type
- ☐ The destination type can be larger or smaller than source type
- ☐ None of the mentioned

Clear selection

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