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2	PG Mates / RoomSharing / Flat Mates	React+Springboot+MySql
3	Tour and Travel management System	React+Springboot+MySql
4	Election commition of India (online Voting System)	React+Springboot+MySql
5	HomeRental Booking System	React+Springboot+MySql
6	Event Management System	React+Springboot+MySql
7	Hotel Management System	React+Springboot+MySql
8	Agriculture web Project	React+Springboot+MySql
9	AirLine Reservation System / Flight booking System	React+Springboot+MySql
10	E-commerce web Project	React+Springboot+MySql
11	Hospital Management System	React+Springboot+MySql
12	E-RTO Driving licence portal	React+Springboot+MySql
13	Transpotation Services portal	React+Springboot+MySql
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15	Online Food Delivery Portal	React+Springboot+MySql
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26	Marriage Hall Booking Project	React+Springboot+MySql
27	Online Student Management portal	React+Springboot+MySql
28	Resturant management System	React+Springboot+MySql
29	Solar Management Project	React+Springboot+MySql
30	OneStepService LinkLabourContractor	React+Springboot+MySql
31	Vehical Service Center Portal	React+Springboot+MySql
32	E-wallet Banking Project	React+Springboot+MySql
33	Blogg Application Project	React+Springboot+MySql
34	Car Parking booking Project	React+Springboot+MySql
35	OLA Cab Booking Portal	React+NextJs+Springboot+MySql
36	Society management Portal	React+Springboot+MySql
37	E-College Portal	React+Springboot+MySql
38	FoodWaste Management Donate System	React+Springboot+MySql
39	Sports Ground Booking	React+Springboot+MySql
40	BloodBank mangement System	React+Springboot+MySql

41	Bus Tickit Booking Project	React+Springboot+MySql
42	Fruite Delivery Project	React+Springboot+MySql
43	Woodworks Bed Shop	React+Springboot+MySql
44	Online Dairy Product sell Project	React+Springboot+MySql
45	Online E-Pharma medicine sell Project	React+Springboot+MySql
46	FarmerMarketplace Web Project	React+Springboot+MySql
47	Online Cloth Store Project	React+Springboot+MySql
48	Train Ticket Booking Project	React+Springboot+MySql
49	Quizz Application Project	JSP+Springboot+MySql
50	Hotel Room Booking Project	React+Springboot+MySql
51	Online Crime Reporting Portal Project	React+Springboot+MySql
52	Online Child Adoption Portal Project	React+Springboot+MySql
53	online Pizza Delivery System Project	React+Springboot+MySql
54	Online Social Complaint Portal Project	React+Springboot+MySql
55	Electric Vehical management system Project	React+Springboot+MySql
56	Online mess / Tiffin management System Project	React+Springboot+MySql
57		React+Springboot+MySql
58		React+Springboot+MySql
59		React+Springboot+MySql
60		React+Springboot+MySql

Spring Boot + React JS + MySQL Project List

Sr.No	Project Name	YouTube Link
1	Online E-Learning Hub Platform Project	https://youtu.be/KMjyBaWmgzg?si=YckHuNzs7eC84-IW
2	PG Mate / Room sharing/Flat sharing	https://youtu.be/4P9clHg3wvk?si=4uEsi0962CG6Xodp
3	Tour and Travel System Project Version 1.0	https://youtu.be/-UHOBywHaP8?si=KHHfE_A0uv725f12
4	Marriage Hall Booking	https://youtu.be/VXz0kZQi5to?si=ILOS-QG3TpAFP5k7
5	Ecommerce Shopping project	https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq
6	Bike Rental System Project	https://youtu.be/FlzsAmIBCbk?si=7ujQTJqEgkQ8ju2H
7	Multi-Restaurant management system	https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB
8	Hospital management system Project	https://youtu.be/lynlouBZvY4?si=CXzQs3BsRkjKhZCw
9	Municipal Corporation system Project	https://youtu.be/cVMx9NVyl4I?si=qX0oQt-GT-LR_5jF
10	Tour and Travel System Project version 2.0	https://youtu.be/_4u0mB9mHXE?si=gDiAhKBowi2gNUKZ

Sr.No	Project Name	YouTube Link
11	Tour and Travel System Project version 3.0	https://youtu.be/Dm7nOdpasWg?si=P_Lh2gcOFhlyudug
12	Gym Management system Project	https://youtu.be/J8_7Zrkg7ag?si=LcxV51ynfUB7OptX
13	Online Driving License system Project	https://youtu.be/3yRzsMs8TLE?si=JRI_z4FDx4Gmt7fn
14	Online Flight Booking system Project	https://youtu.be/m755rOwdk8U?si=HURvAY2VnizlyJlh
15	Employee management system project	https://youtu.be/ID1iE3W_GRw?si=Y_jv1xV_BljhrD0H
16	Online student school or college portal	https://youtu.be/4A25aEKfei0?si=RoVgZtxMk9TPdQvD
17	Online movie booking system project	https://youtu.be/Lfjv_U74SC4?si=fiDvrhhrjb4KSIsm
18	Online Pizza Delivery system project	https://youtu.be/Tp3izreZ458?si=8eWAOzA8SVdNwlyM
19	Online Crime Reporting system Project	https://youtu.be/0UlzReSk9tQ?si=6vN0e70TVY1GOwPO
20	Online Children Adoption Project	https://youtu.be/3T5HC2HKyT4?si=bntP78niYH802I7N

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Core Java
09th January, 2014

1. What will be the output of the following program

```
public class Ebb {  
    static int x = 7;  
    public static void main(String[] args) {  
        String s = "";  
        for(int y = 0; y < 3; y++) {  
            x++;  
            switch(x) {  
                case 8: s += "8 ";  
                case 9: s += "9 ";  
                case 10: { s+= "10 "; break; }  
                default: s += "d ";  
                case 13: s+= "13 ";  
            }  
        }  
        System.out.println(s);  
    }  
    static { x++; }  
}
```

- A. 8 9 19 d
- B. 9 10 10 d
- C. 9 10 10 d 13
- D. 8 9 10 10 d 13

2. Which of the following is NOT an infinite loop?

- A. `for(int i=0;i>-1;i++) {System.out.println("for...i");}`
- B. `do {System.out.println("do...while");} while(0);`
- C. `while (true) {System.out.println("while...");}`
- D. `for (;;) {System.out.println("for.....");}`

3. Which of these is a legal definition of a method named m assuming it throws IOException, and returns void? Also assume that the method does not take any arguments.

- A. `void m() throws IOException{}`
- B. `void m() throw IOException{}`
- C. `void m(void) throws IOException{}`
- D. `m() throws IOException{}`

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4. What is the output for the below code?

```
public class Test {  
    public static void main(String[] args) {  
        String value = "abc";  
        changeValue(value);  
        System.out.println(value);  
    }  
    public static void changeValue(String a) {  
        a = "xyz";  
    }  
}
```

- A. abc
- B. xyz
- C. Compilation fails
- D. Compilation clean but no output

5. Wrapper classes are found in _____ package

- A. java.lang
- B. java.util
- C. java.io
- D. java.net

6. If a variable is declared as protected, then it can be used in _____

- A. Any class of any package
- B. Only classes of same package
- C. Only subclass in that package
- D. Classes of same package and sub classes any where

7. Which of these are the methods of Object class?

- 1. notify();
- 2. notifyAll();
- 3. isInterrupted();
- 4. synchronized();
- 5. interrupt();
- 6. wait(long msec);
- 7. sleep(long msec);
- 8. yield();

- A. 1, 2, 4
- B. 2, 4, 5
- C. 1, 2, 6
- D. 2, 3, 4

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8. Which of these statements is incorrect?

- A. Every class must contain a main() method.
- B. Applets do not require a main() method at all.
- C. There can be only one main() method in a program.
- D. main() method must be made public.

9. What will be the output of the following code?

```
Class A implements Cloneable
{
    Int number;
    A()
    {
        number=90;
    }
    Public static void main(String []args)
    {
        A a1 =new A();
        A a2 = a1.clone();
        If(a1==a2)
        {
            System.out.println("equal");
        }
        Else
        {
            System.out.println("not equal");
        }
    }
}
```

- A. equal
- B. not equal
- C. exception
- D. no output

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10. What will be the output of the following code?

```
Class A
{
    Int number;
    A()
    {
        number=90;
    }
    Public A clone()
    {
        return this;
    }
    Public static void main(String []args)
    {
        A a1 =new A();
        A a2 = a1.clone();
        If(a1==a2)
        {
            System.out.println("equal");
        }
        Else
        {
            System.out.println("not equal");
        }
    }
}
```

- A. equal
- B. not equal
- C. exception
- D. no output

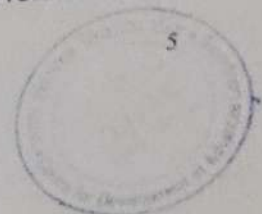
11. Question What will be the result of compiling and executing the following code:

```
public class Test {
    public static void main(String... args) throws Exception {
        File file = new File("test.txt");
        System.out.println(file.exists());
        file.createNewFile();
        System.out.println(file.exists());
    }
}
```

- A. true true
- B. false true
- C. Compilation Error
- D. None of the above

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12. Which collection class grows or shrinks its size and provides indexed access to its elements, but methods are not synchronized?
- A. `Java.util.ArrayList`
 - B. `Java.util.HashSet`
 - C. `Java.util.Vector`
 - D. None of these
13. Consider following business requirement:
"Multiple bank branches need to upload suitable collection of bank accounts to a centralized server. Upon receiving collection server sends text acknowledgement to the clients & then saves this received collection to binary file." Assume that client & server are developed using TCP sockets. Suggest suitable networking data streams that a client application has to open for this requirement.
- A. `ObjectInputStream`, `BufferedReader`
 - B. `Scanner`, `PrintWriter`
 - C. `FileOutputStream`, `BufferedReader`
 - D. `ObjectOutputStream`, `BufferedReader`
14. What is mandatory contract between overriding of `hashCode` & `equals`, for the correct working of `HashSet` ?
- A. No such contract exists
 - B. If 2 objects are equal via `equals` method, then they must produce same integer hash codes.
 - C. If 2 objects are unequal via `equals` method, then they must produce distinct integer hash codes.
 - D. B & C both are mandatory
15. Which of the following statement is false?
- A. If a class has any abstract methods it must be declared abstract itself.
 - B. All methods in an abstract class must be declared as abstract
 - C. When applied to a class, the final modifier means it cannot be subclassed
 - D. `transient` and `volatile` are Java modifiers
16. Which of the following statements is true?
- A. The `instanceof` operator can be used to determine if a reference is an instance of a class, but not an interface.
 - B. The `instanceof` operator can be used to determine if a reference is an instance of a particular primitive wrapper class
 - C. The `instanceof` operator will only determine if a reference is an instance of a class immediately above in the hierarchy but no further up the inheritance chain
 - D. The `instanceof` operator can be used to determine if one reference is of the same class as another reference



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17. Name the class used to represent a GUI application window, which is optionally resizable and can have a title bar, an icon, and menu.

A. Window
B. Panel
C. Dialog
D. Frame

18. Which of these methods are used to register a keyboard event listener?

A. KeyListener()
B. addKeyListener()
C. addKeyListener()
D. eventKeyboardListener()

19. Predict the Output of the following code.

```
public class Test {  
    public static void main(String args[]) {  
        int x = 100;  
        int y;  
        if(x)  
            x = x / 2 - 2;  
        else  
            x = x / 3 - x;  
        System.out.println(x);  
    }  
}
```

A. 1
B. 2
C. 3
D. 4

20. What results from attempting to compile and run the following code?

```
public class Ternary  
{  
    public static void main(String args[])  
    {  
        int x = 5;  
        System.out.println("Value is - " + ((x > 5) ? x : 7));  
    }  
}
```

A. prints Value is - 5
B. prints Value is - 7
C. Compilation error
D. None of these

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21. Which of these classes is used to access actual bits or content information of a URL?

- A. URL
- B. URLDecoder
- C. URLConnection
- D. All of the above

22. Which of these classes is used to encapsulate IP address and DNS?

- A. DatagramPacket
- B. URL
- C. InetAddress
- D. ContentHandler

23. Select the wrong statement from the following:

- A. business method in RMI should be declared as throws RemoteException
- B. Argument of business method must be serialized whereas return type need not be.
- C. When client calls "lookup()", he gets actual remote object.
- D. All of the above.

24. For the code below, which constructor is legal for ServerApp class?

```
public class ServerApp extends UnicastRemoteObject
{
    //here
}
```

- A.

```
public ServerApp()
{
    try
    {
    }
    catch (RemoteException r)
    {
    }
}
```
- B.

```
public ServerApp(){}
C. public ServerApp()throws RemoteException{}
D. all of the above
```

25. Which of these is superclass of all Adapter classes?

- A. Applet
- B. ComponentEvent
- C. Event
- D. InputEvent

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26. Which Swing methods are thread-safe?
- A. repaint()
 - B. revalidate()
 - C. invalidate()
 - D. All of the above
27. When the Socket is created using the no-argument constructor, which of the following methods is called to establish connection with the socket to the specified host?
- A. public void connect(SocketAddress host) throws IOException
 - B. public InetAddress getInetAddress(SocketAddress host) throws IOException
 - C. public void getRemoteSocketAddress(SocketAddress host) throws IOException
 - D. public void getRemoteConnection(SocketAddress host) throws IOException
28. Which one of the following is NOT a valid constructor of ServerSocket class?
- A. public ServerSocket() throws IOException
 - B. public ServerSocket(int port) throws IOException
 - C. public ServerSocket(int port, int backlog) throws IOException
 - D. public ServerSocket(int port, int backlog, SocketAddress address) throws IOException
29. Which layout should you use to organize the components of a container in a tabular form?
- A. CardLayout
 - B. BorderLayout
 - C. FlowLayout
 - D. GridLayout
30. How do you indicate where a component will be positioned using Flowlayout?
- A. North, South, East, West
 - B. Assign a row/column grid reference
 - C. Do nothing, the FlowLayout will position the component
 - D. Pass a X/Y percentage parameter to the add method.

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31. For the following piece of code, which of the given statements is true?

```
public class Company{  
    public abstract double calculateSalaries();  
}
```

- A. The keywords public and abstract cannot be used together.
 - B. The method calculateSalaries() in class Company must have a body
 - C. You must add a return statement in method calculateSalaries().
 - D. Class Company must be defined abstract.
32. How many objects and reference variables are created by the following lines of code?

```
Employee emp1, emp2;  
emp1 = new Employee() ;  
Employee emp3 = new Employee() ;
```

- A. Two objects and three reference variables.
 - B. Three objects and two reference variables.
 - C. Four objects and two reference variables.
 - D. Two objects and two reference variables.
33. Suppose that you would like to create an instance of a new Map that has an iteration order that is the same as the iteration order of an existing instance of a Map. Which concrete implementation of the Map interface should be used for the new instance?

- A. TreeMap
- B. HashMap
- C. LinkedHashMap
- D. Depends on the implementation of the existing instance.

34. Which is the valid declaration within an interface definition?

- A. public double method1();
- B. public final double method1();
- C. static void method1(double d1);
- D. protected void method1(double d1);



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35. What is the output of the following code?

```
Class A
{
    public void get()
    {
        int x=67;
        public class Inner
        {
            public void getValue()
            {
                System.out.println("x = "+x);
            }
        }
        Inner I = new Inner();
        I.getValue();
    }
    public static void main(String []args)
    {
        A a1 = new A();
        A1.get();
    }
}
```

- A. x=67
- B. compile error
- C. runtime error
- D. none of the above

36. What will be the output of the following code?

```
Class A
{
    Public static void main(String []args)
    {
        Integer I =90;
        I=I+45;
        System.out.println("I = "+I);
    }
}
```

- A. compile error
- B. no output
- C. I=90
- D. I=135

37. How will you explicitly call garbage collector in Java?

- A. System.util.gc()
- B. System.gc()
- C. System.GarbageCollector();
- D. You can not do that in java

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38. What will happen when following code block is compiled and run?

```
Boolean[] b1 = new Boolean[10];  
boolean[] b2 = new boolean[10];  
System.out.println("The value of b1[1] = " + b1[1]);  
System.out.println("The value of b2[1] = " + b2[1]);
```

- A. Prints "The value of b1[1] = false"
"The value of b2[1] = false".
- B. Prints "The value of b1[1] = null"
"The value of b2[1] = null"
- C. Prints "The value of b1[1] = null"
"The value of b2[1] = false"
- D. Prints "The value of b1[1] = false"
"The value of b2[1] = null"

39. Consider the following statement.

```
System.out.println( Math.round(Math.random()) );
```

This statement was executed 15 times. The first 14 executions printed 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1. What did the 15th execution print?

- A. Most likely 0
- B. Most likely 1
- C. 0 or 1
- D. Any non-negative integer

40. The wait and notify methods are members of _____

- A. java.lang.Object
- B. java.lang.Thread
- C. java.lang.Monitor
- D. None of the above



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