1. WHAT IS DEBUGGING?

Ans : Debugging is the routine process of locating and removing bugs, errors or abnormalities from programs. It’s a must have skill for any Java developer because it helps to find subtle bug that are not visible during code reviews or that only happens when a specific condition occurs.

1. WHAT ARE THE DEFAULT PACKAGES PRESENT IN JAVA?

Ans : Packages are a mechanism in Java that wraps a group of classes, sub-packages, and different interfaces. They group all related objects like classes, interfaces, etc., and helps in managed ways of providing access and namespaces. The default package is a collection of java classes whose source files do not contain and package declarations. These packages act as the default package for such classes. It provides the ease of creating small applications when the development of any project or application has just begun.

* java.lang − bundles the fundamental classes
* java.io − classes for input , output functions are bundled in this package

1. CAN WE HAVE AN ELSE CONDITION WITHOUT IF CONDITION?

Ans : No it is not possible, the statement inside else is only executed when the condition given inside else is wrong. If we give an else statement without if it may result in an error.

1. OTHER THAN BOOLEAN CAN WE USE ANYTHING IN IF CONDITION?

Ans : if ( condition ) statement; if is a Java reserved word The condition must be a boolean expression. It must evaluate to either true or false.

1. WHY BREAK IS IMPORTANT IN SWITCH CASE?

Ans : break is necessary to avoid passing through to the code under the next label

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| The case statements in a switch statements are simply labels. When you switch on a value, the switch statement essentially does a goto to the label with the matching value. |
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1. NAMING CONVENTIONS IN JAVA

Ans : Class : 1. It should start with the uppercase letter.  
2. It should be a noun such as Color, Button, System, Thread, etc.  
3. Use appropriate words, instead of acronyms.

Interface : 1. It should start with the uppercase letter.  
2. It should be an adjective such as Runnable, Remote, ActionListener.  
3. Use appropriate words, instead of acronyms.

Method : 1. It should start with lowercase letter.  
2. It should be a verb such as main(), print(), println().  
3. If the name contains multiple words, start it with a lowercase letter followed by an uppercase letter such as actionPerformed().

Variable : 1. It should start with a lowercase letter such as id, name.  
2. It should not start with the special characters like & (ampersand), $ (dollar), \_ (underscore).  
3. If the name contains multiple words, start it with the lowercase letter followed by an uppercase letter such as firstName, lastName.  
4. Avoid using one-character variables such as x, y, z.

Package : 1. It should be a lowercase letter such as java, lang.  
2. If the name contains multiple words, it should be separated by dots (.) such as java.util, java.lang.

Constant : 1. It should be in uppercase letters such as RED, YELLOW.  
2. If the name contains multiple words, it should be separated by an underscore(\_) such as MAX\_PRIORITY.  
3. It may contain digits but not as the first letter.

7. DIFFERENCE BETWEEN SDK , JRE AND JDK?

Ans : A software development kit (SDK or devkit) is a set of software development tools that allows the creation of applications for a certain software package, software framework, computer system,operating system, or similar development platform.

JDK means Java Development Kit. This is a software development environment used for developing Java applications and applets. It includes the Java Runtime Environment (JRE), an interpreter/loader , a compiler etc

JRE is an acronym for Java Runtime Environment. It is used to provide runtime environment[.](http://environment.it/)

It is the implementation of java virtual machine(JVM). It contains set of libraries and other files that JVM uses at runtime.

8. DIFFERENCE BETWEEN WAR,EAR,JAR file?

Ans : The main difference between JAR WAR and EAR files is that the JAR file is a file that has [Java](https://pediaa.com/what-is-the-difference-between-java-and-python/#Java) class files, related metadata, and resources combined into a single file to execute a Java application. On the other hand, the WAR file is a file that contains files such as [a servlet](https://pediaa.com/what-is-the-difference-between-jsp-and-servlet/#Servlet), [JSP](https://pediaa.com/what-is-the-difference-between-jsp-and-servlet/#JSP), HTML, [JavaScript](https://pediaa.com/difference-between-java-and-javascript/#JavaScript) etc., which are necessary to develop web applications while the EAR is a Java EE file that packs one or more modules into a single archive to deploy them on to an application server.

9. HOW CAN YOU TELL THE TECHNOLOGY BY SEEING THE URL?

Ans : In Chrome, look for Developer Tools, in Firefox look for Web Developer in your menu. The source code's file extensions and URLs can tell you what type of platform the website is built on.

10. WHAT IS SCRUM CALL?

Ans : Daily Scrum meeting is also called can Scrum call or Standup meeting. This meeting own by the Scrum team, happens mostly during beginning of every day. Should last for max 15 minutes. Where the development team member discuss on the work they have done, and make the strategy to work for the day.