1. What is Java?

Java is High level programming language, Platform Independent, multithreading, object oriented, secured and platform Independent.

1. What are features of java?
2. Simple
3. Secured
4. Object Oriented
5. Robust
6. Portable
7. Platform Independent
8. what is difference between Java and C++?

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| C++ | Java |
| Platform dependent language, need to compile for different platforms | Platform independent, that is, we can write once and run it anywhere. |
| In C++, memory management is manual, so we can allocate or deallocate the memory manually. | In java, memory management is system controlled. |
| It supports the pointers | It doesn’t support the pointers. |
| C++ support the go to statements. | Java doesn’t support the go to statements. |
| C++ support the procedural and object-oriented language. | Java support the Object-Oriented Language. |
| C++ support the pass by value and pass by reference. | Java Support the Pass by value. |
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1. what is class and object?

Class: A class is logical entity or blue print using which we are going to create multiple objects.

We cannot create object without creating class.

Object: Object as the state and behavior.

Object is real world physical entity.

There are 5 ways to create Object:

1. By using new Keyword
2. By using new instance
3. Using clone () method
4. Using deserialization
5. Using newInstance () method of constructor class.
6. What are Variables and Types of Variables and Explanation for each Variable?

Variable is a data container that store the data values while during the java Programme execution.

3 Types of Variables: -

1. Local Variable:
2. Instance Variable
3. Static Variable: