Answer All the Question

1.Explain about the main method in java?

It is the name of the Java main method. It is the identifier that the JVM looks for as the starting point of the java program. It's not a keyword.

2.What are the different Control flow Statements available in java?

Decision Making statements
Loop statements
Jump statements

3.What is the Difference betweeen break and continue statements?

Break statement resumes the control of the program to the end of loop and made executional flow outside that loop.	Continue statement resumes the control of the program to the next iteration of that loop enclosing 'continue' and made executional flow inside the loop again.

As mentioned break is used for the termination of enclosing loop.	On other hand continue causes early execution of the next iteration of the enclosing loop.

4.What is an Array? How will you declare an array in java?

An array is a collection of similar data elements stored at contiguous memory locations.
Data type [] <variable name>;

5.When will you get ArrayIndexOutOfBoundsException?

The ArrayIndexOutOfBoundsException occurs whenever we are trying to access any item of an array at an index which is not present in the array

6.Define the Syntax to create an object for a class.
What are the naming conventions to be followed while creating a class,
method and a variable.Explain with examoles

Class_name object_name = new Constctor_name();
Class
It should start with the uppercase letter.
It should be a noun such as Color, Button, System, Thread, etc.
Use appropriate words, instead of acronyms.

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

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

7.What is Variable?How will you declare a variables in java?

A variable is a container which holds the value while the [Java program](#) is executed. A variable is assigned with a data type.
Variable is a name of memory location. There are three types of variables in java: local, instance and static.
type variableName = value;

8.What is String in java? Is it a Data Type?

String is a sequence of characters. But in Java, string is an object that represents a sequence of characters. The java.lang.String class is used to create a string object.
It is not a Data Type

9.What are the different ways to create the String Object in java?

String Literal
 By new keyword

10.What is the Difference between .Equals and ==?

The main difference between the .equals() method and == operator is that one is a method, and the other is the operator.

== checks if both objects point to the same memory location whereas .equals() evaluates to the comparison of values in the objects.