1. What is constructor and why we use it?

* A constructor is a bit of code that allows you to create objects from a class. You call the constructor by using the keyword new, followed by the name of the class, followed by any necessary parameters.
* When the object is created, Java calls the constructor first. Any code you have in your constructor will then get executed.

1. What are access modifier and non-access modifier?

Access modifier:

Default

Public

Private

Protected

Non access modifier:

Abstract

Static

Final

Synchronized and Volatile (used for thread)

1. What is static keyword what is benefit?

* The static key word is used to create variables that will exist independently of any instances created for the class.
* Static variables are also known as class variables. Local variables cannot be declared
* The static keyword in Java means that the variable or function is shared between all instances of that class as it belongs to the type, not the actual objects themselves.
* It makes your program memory efficient

Difference between method and constructor?

• A constructor doesn’t have a return type.

• The name of the constructor must be the same as the name of the class.

• Unlike methods, constructors are not considered members of a class.

• A constructor is called automatically when a new instance of an object is created.

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| Constructors | Methods |
| Create an instance of a class | Group Java statements |
| Cannot be abstract, final, native ,static, or synchronized | Can be abstract, final, native, static, or synchronized |
| No return type, not even void | void or a valid return type |
| Same name as the class (first letter is capitalized by convention) -- usually a noun | Any name except the class. Method names begin with a lowercase letter by convention -- usually the name of an action |
| Constructors are not inherited | Methods are inherited |

5. What is return type and parameterize method?

6. How to click on element?

7. How to sendkey in a text box?

8. How to find elements from a webpage?

9. How to verify tittle and url?

10. How to verify a text from a webpage?