1. How to Create an Object in Java?

Ans – We can create an object using the `new` keyword followed by the class constructor: `ClassName objectName = new ClassName();`

2. What is the use of a `new` keyword in Java?

Ans - The `new` keyword is used to allocate memory and create an instance of a class. It initializes the newly created object.

3. What are the different types of variables in Java?

Ans - In Java, there are three types of variables: instance variables, static variables, and local variables.

4. What is the difference between Instance variables and Local variables?

Ans - Instance variables belong to an object and have class-level scope, while local variables are declared inside a method and have method-level scope.

5. In which area memory is allocated for Instance variables and Local variables?

Ans - Instance variables are stored in the object's memory (heap), while local variables are stored in the stack memory.

6. What is method overloading?

Ans - Method overloading is the ability to define multiple methods in the same class with the same name but different parameter lists. It helps in creating more flexible and readable code.