**Static initialization block:**

In Java, a static initialization block is a block of code enclosed within curly braces {} and preceded by the static keyword, which is used to initialize static variables or perform one-time initialization tasks when the class is loaded into memory. This block executes only once, when the class is first accessed, and it executes before the execution of any static method or the creation of any instance of the class.

**Instance initialization block:**

In Java, an instance initialization block is a block of code enclosed within curly braces `{}` without any preceding keyword, which is executed when an instance of the class is created. This block runs each time a new instance is created, just before the constructor of the class is invoked. Instance initialization blocks are used to initialize instance variables or perform additional initialization logic that needs to be executed for every object creation.