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| METHOD OVERLOADING | METHOD OVERRIDING |
| 1. It occurs within the class. | 1. It is performed in two classes with inheritance relationships |
| 2. In method overloading, methods must have the same name and different signatures. | 2. In method overriding, methods must have the same name and same signature. |
| 3.Method Overloading may or may not require inheritance. | 3. Method overriding always needs inheritance. |
| 4. In method overloading, methods must have the same name and different signatures | 4. In method overriding, methods  have the same name and same signature. |
| 5. Method overloading is a compile-time polymorphism. | 5. Method overriding is a run-time polymorphism. |
| 6. It helps to increase the readability of the program. | 6. It is used to grant the specific implementation of the method which is already provided by its parent class or superclass. |