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| **Method overloading** | **Method overriding** |
| Overloading occurs/perform within class | Overriding occurs between two class |
| Here method name is same but arguments is different | Here method name same and same argument |
| It is used to increase the readability of program rather than overriding | It is used to provide implementation of method that is already provide by the sub class |
| Here we use static as well as non static method | Here we only use non static method |
| Here not use perform inheritance | Here we used perform inheritance |
| Create object from this class and with object refer call all methods | Here create object from two classes separately because method name and arg same |
| It is implements compile time polymorphism | It is implements runtime polymorphism |