final variables

1. final variable constant variables
2. value to final variable can be assigned at the time of initialization , or in every constructor of the class.
3. a class can be final, and it cannot be inherited.
4. a function can be final, it cannot be overridden.

static variables

1. memory for static variables is common for all objects of the class
2. memory gets allocated before creation of first object, and it is shared among all objects of the class.
3. static members can be accessed via class name or object.
4. in java we may write static block, It is good place to initialize static variables
5. In one class any number of static blocks can be written, but it is good to write only one
6. A function also can be static, If you want to call the function without creating object of the class, then make function static , and it can be called by using classname.function name()
7. static function never receives this object
8. static functions can access only static members of the class, but nonstatic functions can use static as well as non static members inside function.
9. the outermost class cannot be static, but a nested class can be static
10. static functions can be called with classname as well as by using object also, but nonstatic function has to be called with object only.