Understanding java main() method

- The Syntax of main method is ===> public static void **main**(String []args)

public : Anything declared as public can be accessed from anywhere, main method should be available for other classes in the project. So main method "has" to be public

static : Static methods can be called directly with out creating a class object. So when java execution starts, JVM will be able to start the main method.

void: A java program execution starts from main() method and ends with main() method. So if main() method returns something there is no way of catching that return statement. So always main() method return type is void.

main: This is the name of java main() method. It's fixed and when we start a java program, JVM checks for the main method.

String []args: Java main method accepts a "single" argument of **type** String array. This is also called as java command line arguments.

Which of the following main() method syntax are valid?

1. public static void main(String[] args)
2. public static void main(String []args)
3. public static void main(String [] args)
4. public static void main(String args [])
5. public static void main([]String args)
6. public static void main(String[] Kishan)
7. static public void main(String[] args)
8. public static int main(String[] args)
9. public final static void main(String[] args)
10. Public static void main(String[] args)
11. final public static void main(String[] args)
12. Final public static void main(String[] args)
13. public static void main(String… args)
14. public static void mian(String[] args)
15. public static void main(String[8] args)
16. public static void main(int[] args)
17. public static void main()
18. public void main(String[] args)
19. public static void Main(String[] args)