

**1. Should a main() method be compulsorily declared in all java programs?**

Yes.

**2. What is the return type of the main() method?**

void.

**3. Why is the main() method declared static?**

So that the main method becomes accessible to OS even without object creation

**4. What is the argument of main() method?**

String args[] which is a variable sized array(dynamic array) which is used to collect command line arguments.

**5. Does the order of public and static declaration matter in main() method?**

No

**6. Can a source file contain more than one class declaration?**

Yes

**7. Why should we enclose main() method within a class?**

It is a rule in java that every method should be enclosed within a class. The JVM has to start the application somewhere. As Java does not have a concept of “things outside of a class”, the method has to be inside a class.

**8. What happens if we do not declare main() as public?**

An error message would be displayed as “Main method not found error”.

**9. What happens if we do not declare main() as static?**

An error message would be displayed as “Main method is not static error”

**10. Which command in java is used to invoke the java compiler?**

javac

**11. Which command in java is used to invoke JVM?**

Java

**12. Why should main() method be present in all java applications?**

Because OS can handover the control to main method and from the main method execution will start.