**The following are some of important classes present in java.lang package.**

**1. Object class**

**2. String class**

**3. StringBuffer class**

**4. StringBuilder class (1.5 v)**

**5. Wrapper Classes**

**6. Autoboxing and Autounboxing(1.5 v)**

 **For writing any java program the most commonly required classes and**

**interfaces are encapsulated in the separate package which is nothing but**

**java.lang package.**

 **It is not required to import java.lang package in our program because it is**

**available by default to every java program.**

**Java.lang.Object class:**

**1. For any java object whether it is predefine or customized the most commonly**

**required methods are encapsulated into a separate class which is nothing but**

**object class.**

**2. As object class acts as a root (or) parent (or) super for all java classes, by default**

**its methods are available to every java class.**

**3. Note : If our class doesn't extends any other class then it is the direct child class**

**of object**

**If our class extends any other class then it is the indirect child class of Object.**

**The following is the list of all methods present in java.lang Object class :**

**1. public String toString();**

**2. public native int hashCode();**

**3. public boolean equals(Object o);**

**4. protected native Object clone()throws CloneNotSupportedException;**

**5. public final Class getClass();**

**6. protected void finalize()throws Throwable;**

**7. public final void wait() throws InterruptedException;**

**8. public final native void wait()throws InterruptedException;**

**9. public final void wait(long ms,int ns)throws InterruptedException;**

**10. public final native void notify();**

**11. public final native void notifyAll();**

**toString( ) method :**

**1. We can use this method to get string representation of an object.**

**2. Whenever we are try to print any object reference internally toString() method**

**will be executed.**

**3. If our class doesn't contain toString() method then Object class toString()**

**method will be executed.**