# ..............Java InetAddress class

Java InetAddress class represents an IP address. The java.net.InetAddress class provides methods to get the IP of any host name for example www.google.com, www.facebook.com etc.

## Commonly used methods of InetAddress class

|  |  |
| --- | --- |
| Method | Description |
| public static **InetAddress getByName(String host)** throws UnknownHostException | it returns the instance of InetAddress containing LocalHost IP and name. |
| public static **InetAddress getLocalHost()** throws UnknownHostException | it returns the instance of InetAdddress containing local host name and address. |
| public String **getHostName()** | it returns the host name of the IP address. |
| public String **getHostAddress()** | it returns the IP address in string format. |

g[etAllByName](http://download.java.net/jdk7/archive/b123/docs/api/java/net/InetAddress.html" \l "getAllByName(java.lang.String))([String](http://download.java.net/jdk7/archive/b123/docs/api/java/lang/String.html) host)

Given the name of a host, returns an array of its IP addresses, based on the configured name service on the system.