**Executing the test case:**

Now we have the information of keywords, action classes and object repositories for a particular test case. Now with information we will execute the test case.

**public** **static** **void** executeTC(List<String> originalkeywords, Set<String> actionclass, Map<String, String> keywordvsac, Set<String> objectrepository, Map<String, String> keywordvsor) **throws** ClassNotFoundException, NoSuchMethodException, SecurityException, IllegalAccessException, IllegalArgumentException, InvocationTargetException, InstantiationException, IOException {

System.*setProperty*("webdriver.gecko.driver", "C:\\BrowserDrivers\\geckodriver.exe");

WebDriver driver = **new** FirefoxDriver();

**for**(String str : originalkeywords) {

String keyword = str;

String actioncl = keywordvsac.get(keyword);

String objectcl = keywordvsor.get(keyword);

Class<?> cls = Class.*forName*("actions."+actioncl);

Class<?> orc = Class.*forName*("objectrepository."+objectcl);

Method[] methodcall = cls.getDeclaredMethods();

**for**(Method m : methodcall) {

**if**(keyword.equalsIgnoreCase(m.getName()) && m.getParameterCount() == 0)

{

Method mc = cls.getDeclaredMethod(keyword);

Constructor<?> constructor = cls.getConstructor(WebDriver.**class**);

mc.invoke(constructor.newInstance(driver));

}

**else** **if**(keyword.equalsIgnoreCase(m.getName()) && m.getParameterCount() == 1)

{

Method morc = orc.getDeclaredMethod(keyword);

Constructor<?> orconstructor = orc.getConstructor(WebDriver.**class**);

WebElement we = (WebElement) morc.invoke(orconstructor.newInstance(driver));

Method mc = cls.getDeclaredMethod(keyword,WebElement.**class**);

Constructor<?> constructor = cls.getConstructor(WebDriver.**class**);

mc.invoke(constructor.newInstance(driver),we);

}

}

}

}