**REST API Testing**

**REST** stands for Representational State Transfer. (It is sometimes spelled "**ReST**".

Creating rest webservices on java :

In Eclipse :

1.File -> new-> wizard\_>web project -> dynamic project

2.Project name -> webservicesrestful\_server->click next-> web module.

3.Web module-> create context root

Context directory.

4. Click onselect tick mark on generate web.xml deployement descriptor.

**Sample code :**

Package WS;

Import javax.ws.rs \*;

Import javax.ws.rs.core.\*;

@path(“demo”)

Public class demo {

@GET

@PATH(“hello”)

@Produces(MediaType.Text\_plan)

Public string hello()

{

Return “Hello world”;

}

}

Applicationconfig.java

@override

Public se<class<?>> getclasses ( ) {

Set <class<?>> resources = new java.util.HashSet<>( );

Add rest resources classes (resources);

Return resources;

}

Private void add restresource classes(Set classes <?>> resources

Resources.add(ws.demorest.class);

}