Example of a Servlet created by implementing Servlet interface

It is mandatory to define FIVE abstract methods

```
import java.io.*;
import javax.servlet.*;
public class First implements Servlet{
ServletConfig config;
//Define init method
public void init(ServletConfig config){
this.config=config;
System.out.println("servlet is initialized");
}
//Define service method
public void service(ServletRequest req,ServletResponse res)  throws IOException,ServletException{
PrintWriter out=res.getWriter();
out.print("Servlet using Servlet Interface created");
}
//Define destroy method
public void destroy(){System.out.println("servlet is destroyed");}
//Define getServletConfig method
public ServletConfig getServletConfig(){return config;}
//Define getServletInfo method
public String getServletInfo(){return "Any type of information";}
}
```

Example of a Servlet created by extending GenericServlet class

Only a service method needs to be defined.

```
import java.io.*;
import javax.servlet.*;
public class First extends GenericServlet{
public void service(ServletRequest req,ServletResponse res)  throws IOException,ServletException{
PrintWriter out=res.getWriter();
out.print("Servlet created");
}
}
```

Example of a Servlet created by extending GenericServlet class

Either doGet() or doPost() method needs to be defined.

```
import java.io.*;
import javax.servlet.*;
public class First extends HttpServlet{
public void doGet(ServletRequest req,ServletResponse res)  throws IOException,ServletException{
PrintWriter out=res.getWriter();
out.print("Servlet created");
}
}
```