Neeraj Appari S073

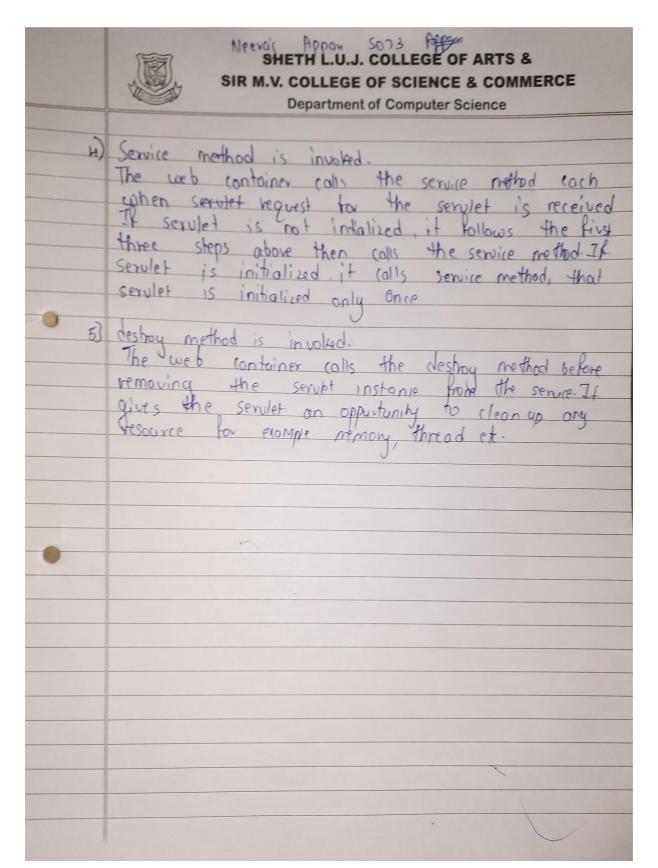
Aim:

Write a Servlet program to calculate Simple interest of an amount.



## Neera's Appar son3 Appar

11-02-2021	SHETH L.U.J. COLLEGE OF ARTS & SIR M.V. COLLEGE OF SCIENCE & COMMERCE Department of Computer Science
	Practical - Du
	Aim: Write a Serulet program to colculate simple interest of an amount
*	Mhite ups:  About servlet packages: The favor servlet package contains a number of class and interface that describes and define the contracts between servlet class and the runtime environment provided for an instance of such a class by containing servlet container.
*	Servlet lifecycle =
1)	Servlet class is loaded.  The class loader is responsible to load the servlet class.  The servlet class is loaded when the first sregular for the servlet is received by the ucb contained.
2)	Servlet instance is created.  The web container creates the instance of a servet after loading a servlet class. The servlet instance is created only once in the servlet like cycle.
	Init method is invoked -  The web container calls the init method on once  after creating the servlet instance. The init method  is used to unitalize the servlet. It is the likecycle  method of Javane-servlet servlet likecycle



```
<!DOCTYPE html>
```

```
<!--
```

To change this license header, choose License Headers in Project Properties.

To change this template file, choose Tools | Templates and open the template in the editor.

```
-->
<html>
  <head>
    <title>TODO supply a title</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,</pre>
initial-scale=1.0">
  </head>
  <body>
    <div>Simple Interest</div>
    <form action ="sijava">
      Principal amount <input type="text" name="pa"
value="" /></br>
      no of months: <input type="text" name="nof"
value="" /></br>
      rate of Interest: <input type="text" name="roi"
value=""/></br>
```

```
<input type="submit">
```

```
</form>
  </body>
</html> Java import java.io.IOException;
import java.io.PrintWriter; import
javax.servlet.ServletException; import
javax.servlet.http.HttpServlet; import
javax.servlet.http.HttpServletRequest; import
javax.servlet.http.HttpServletResponse;
/**
* @author LAXMINARAYANRO
*/
public class sijava extends HttpServlet {
  /**
* Processes requests for both HTTP <code>GET</code> and
 <code>POST</code>
* methods.
```

- \* @param request servlet request
- \* @param response servlet response
- \* @throws ServletException if a servlet-specific error occurs
- \* @throws IOException if an I/O error occurs

  \*/

```
si= (p + n + r) / 100;
out.println("Neeraj Appari S073 \n ");
out.println("</br>");
String str = "Simple Interest = ("+si+") \n";
out.println(str); pi= (si + p);
```

```
String str1 = "Total Amount With Interest = ("+pi+")";
out.println(str1);
  }
  // <editor-fold defaultstate="collapsed" desc="HttpServlet
methods. Click on the + sign on the left to edit the code.">
  /**
* Handles the HTTP <code>GET</code> method.
* @param request servlet request
* @param response servlet response
* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
  */
  @Override
  protected void doGet(HttpServletRequest request,
HttpServletResponse response)
      throws ServletException, IOException {
processRequest(request, response);
  }
```

```
/**
* Handles the HTTP <code>POST</code> method.
* @param request servlet request
* @param response servlet response
* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
  */
  @Override
  protected void doPost(HttpServletRequest request,
HttpServletResponse response)
      throws ServletException, IOException {
processRequest(request, response);
  }
  /**
* Returns a short description of the servlet.
* @return a String containing servlet description
  */
  @Override
```

```
public String getServletInfo() {
return "Short description";
}// </editor-fold>
```



