

NAME - BHANNU PRATAP

COURSE - MCA 2A

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ROLL NO - 2001047

Ques1- Index.html

```
< html >
```

```
< head >
```

```
< body >
```

```
< form action = "login" method = "post" >
```

```
  Name : < input type = "text" name = "username" /> < br />
```

```
  Password : < input type = "password" name = "userpass" /> < br />
```

```
< input type = "Submit" Value = "login" />
```

```
< /form >
```

```
< /body >
```

```
< /html >
```

login.java ~

```
import java.io.*;
```

```
import java.servlet.*;
```

```
import java.servlet.http.*;
```

```
public class Login extends HttpServlet {
```

```
  public void doPost ( HttpServletRequest req,  
                      HttpServletResponse res)
```

```
  throws ServletException, IOException
```

```
  {
```

```
    res.setContentType ("text/html");
```

```
    PrintWriter out = response.getWriter();
```



```
String p = request.getParameter("userName");
```

```
String p = request.getParameter("userPass");
```

```
if (p.equals("Thanos")){
```

```
Request Dispatcher rd =
```

```
request.getRequestDispatcher("Servlet2");
```

```
rd.forward(request, response);
```

```
}
```

```
else {
```

```
Out.print("Password mismatch");
```

```
Request Dispatcher rd =
```

```
request.getRequestDispatcher("/index.html");
```

```
rd.include(request, response);
```

```
}
```

```
}
```

```
}
```

```
Welcome.java -
```

```
import java.io.*;
```

```
import javax.servlet.*;
```

```
import javax.servlet.http.*;
```

```
public class Welcome extends HttpServlet {
```

```
public void doPost( HttpServletRequest request,  
                    HttpServletResponse response)
```

```
throws ServletException, IOException
```

```
{
```



```

response . setContentType ("text /html");
PrintWriter out = response . getWriter();

String n= request . getParameter ("username");
out . print ("welcome " + n)

}
}

```

Web. XML —

```

<web-app>
  <Servlet>
    <Servlet-name>login /Servlet-name>
    <Servlet-class> login </Servlet-class>
  </Servlet>
  <Servlet>
    <Servlet-name>WelcomeServlet </Servlet-name>
    <Servlet-class> welcome </Servlet-class>
  </Servlet>

  <Servlet-mapping>
    <Servlet-name>login </Servlet-name>
    <url-pattern> /Servlet1 </url-pattern>
  </Servlet-mapping>
  <Servlet-mapping>
    <Servlet-name>WelcomeServlet </Servlet-name>
    <url-pattern> /Servlet2 </url-pattern>
  </Servlet-mapping>

```



```
< Welcome - file - list>  
< Welcome - file > index . html < /Welcome - file>  
< /welcome - file - list>  
< /web - app>
```


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Que 2 -

program - Book.java

```
public class Book
{
    private String bookName;
    private int bookPrice;
    private String authorName;
    public void setBookName (String bookName)
    {
        this.bookName = bookName;
    }

    public String getBookName ()
    {
        return this.bookName;
    }

    public void setBookNamePrice (int bookPrice)
    {
        this.bookPrice = bookPrice;
    }

    public int getBookPrice ()
    {
        return this.bookPrice;
    }
}
```



```

public void setAuthorName (String authorName)
{
    this.authorName = authorName;
}

public String getAuthorName()
{
    return this.authorName;
}
}

```

TestBook.java

```

import java.util.Scanner;

public class TestBook
{
    public static void main (String[] args)
    {
        Scanner sc = new Scanner (System.in);

        System.out.println ("Enter the Book name");
        String bookname = sc.nextLine ();

        System.out.println ("Enter the price");
        int price = sc.nextInt ();
        sc.nextLine ();

        System.out.println ("Enter the Author name");
        String authorname = sc.nextLine ();

        Book obj = new book ();
        obj.setBookName (bookname);
        obj.setBookPrice (price);
    }
}

```



```
obj. set AuthorName (authorName);  
System.out.println (" Book Details");  
System.out.println ("BookName: "+obj.get BookName());  
System.out.println ("BookPrice: "+obj.get BookPrice());  
System.out.println ("AuthorName: "+obj.get Author  
Name());  
  
}  
  
}
```