

PRJ301-Thân Thị Ngọc ...

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Question 1
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 Flag question

Assume that the web app is deployed and named "MyAPP", use the server name "localhost", port: 8080.

Consider the code in the filter

```
public void doFilter(ServletRequest request,ServletResponse response, FilterChain chain) throws ServletException, IOException {
    HttpServletRequest req = (HttpServletRequest)request;
    System.out.println("tried to access " + req.getRequestURL() + " on " + new Date() + " ");
    chain.doFilter(request,response);
}
```

and this filter is applied to the servlet1

What is the output when client send a request to the servlet1 on "Tue Mar 08 15:26:33 ICT 2022."?

- a. display the text: tried to access /MyApp/servlet1 on Tue Mar 08 15:26:33 ICT 2022.
- b. display the text: tried to access http://localhost:8080/MyApp/servlet1 on Tue Mar 08 15:26:33 ICT 2022.
- c. display the text: tried to access /servlet1 on Tue Mar 08 15:26:33 ICT 2022.
- d. display the text: tried to access http://localhost:8080/MyApp on Tue Mar 08 15:26:33 ICT 2022.

[Clear my choice](#)

Question 2
Answer saved
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 Flag question

Consider some steps:

- [1] Check available DB connection
- [2] Create SQL String using DML
- [3] Connect DB using method that you are built
- [4] Create Statement/PrepareStatement/CallableStatement
- [5] Execute Query to get ResultSet
- [6] Process the ResultSet

Choose the right sequence to access the DB using JDBC API?

- a. 3,4,5,6,1,2
- b. 3,1,2,4,5,6
- c. 1,3,2,4,5,6
- d. 1,2,3,4,5,6

[Clear my choice](#)

Question 3
Answer saved
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 Flag question

What does the prefix in TLD file means?

- a. It is an address to access tag class
- b. It is an alias name to avoid the conflict name of tag in this tld to others
- c. None of the others
- d. It is a name that the users must be used and fill when they import taglib on JSP Page

[Clear my choice](#)

Question 4
Answer saved
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Which structure of Status Line in Response Message is?

- a. [HTTP Method] [Protocol Version] [Requested Resource forming URI]
- b. [HTTP Version] [Response Code] [Status]
- c. [HTTP Version] [Response Code] [Http Method]
- d. None of the others

[Clear my choice](#)

Question 5
Answer saved
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 Flag question

Consider some statements:

- [1] Dynamically access incoming requests from the user before the servlet processes the request
- [2] Access the outgoing response from the web resources before it reaches the user
- [3] Intercept the requests and response that flow between a client and a Servlet/JSP
- [4] Was introduced as a Web component in Java servlet specification version 2.3

What these statements are saying about?

- a. filter
- b. web server
- c. back end services
- d. container

[Clear my choice](#)

Question 6
Answer saved
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 Flag question

Which mechanism does forEach function of core taglib library of JSTL executes?

- a. None of the others
- b. Loop depends the while control structure when collection's item is existed
- c. Loop depends on event on tag when the collection's item is existed

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Time left 0:54:50

- d. Loop depends the container reading the size of collection

[Clear my choice](#)

Question 7

Answer saved

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1.00



What attribute presents value that contains some target resource in the web application (e.g. Servlet or JSP)?

- a. multidata
 b. action
 c. encryption
 d. method

[Clear my choice](#)

Question 8

Answer saved

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What different points between Java Bean and Java class?

- a. Java Bean class must be implemented from Serializable
 b. Java Bean class must have a public no-argument constructor
 c. All of the others
 d. Using <jsp:useBean /> to locate or instantiate the Bean.

[Clear my choice](#)

Question 9

Answer saved

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Choose the right option about "servlet" in java

- a. There is only a single instance of Servlet created on the Web server.
 b. The Web server creates multiple threads for the same Servlet instance to service multiple client's requests
 c. All of the others
 d. Servlets are Java classes that dynamically process HTTP requests and construct responses

[Clear my choice](#)

Question 10

Answer saved

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Which mechanism does Struts 2 can be used some components in any projects or libraries?

- a. Using xml to configure
 b. Using Action Context to contain information
 c. None of the others
 d. Using JavaBeans

[Clear my choice](#)

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Question 11
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Consider the code:

```
<jsp:useBean id="b" class="vanttn.dto.Book" scope="session" />
```

What option is similar to the above code?

- a.

```
<% vantnn.dto.Book b = (vanttn.dto.Book) pageContext.getAttribute("b");
if (b== null) {
    b= new vantnn.dto.Book();
    pageContext.setAttribute("b", b);
} %>
```
- b.

```
<% Book b= pageContext.getAttribute("b");
if (b== null) {
    b= new Book();
    pageContext.setAttribute("b", b);
}
%>
```
- c.

```
<%
    b= new vantnn.dto.Book();
    pageContext.setAttribute("b", b);
%>
```
- d.

```
<%
    b= new vantnn.dto.Book();
    pageContext.setAttribute("b", b);
%>
```

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Question 12
Answer saved
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Consider the code:

```
...
String myvalue=request.getParameter("txtname");
Select * From Registration Where uName = ?
```

What can be used to set the myvalue variable to "?" ?

- a. Using ResultSet
- b. using Statement
- c. Using Connection
- d. using the PrepareStatement

Question 13
Answer saved
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Consider the code in the file "index.jsp"

```
...
<form method="post">
    <input type="text" name="txt1" value="" placeholder="input email" />
    <input type="password" name="tx12" value="" placeholder="input password"/>
    <input type="submit" name="btn" value="submit" />
</form>
....
```

What statement is used to assign again the inputted value in the text control "txt1" after submitting?

- a. At the value property of the control "txt1", type: \${param.txt1}
- b. All of the others
- c. At the value property of the control "txt1", type: <%= request.getParameter("txt1") %>
- d. At the value property of the control "txt1", type: \${requestScope.txt1}

Question 14
Answer saved
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Assume that all library files are imported and there is a data as user="testing" in the session scope .

Consider the code in the file "index.jsp"

```
...

```

What statement is used to display "testing" at [MISSING]?

- [1] \${sessionScope.testing}
- [2] \${sessionScope.user}
- [3] \${session.getAttribute("testing")}
- [4] \${"testing"}

- a. 3
- b. 2
- c. 1

a. 4

[Clear my choice](#)

Question 15

Answer saved

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1.00

Flag question

Consider the table structure:

Accounts(accid: int primary key, fullname: varchar(20), role: int foreign key, email: varchar(20)).

Roles(roleid: int, rolename: varchar(50))

What query can be used to get full name and role name of the account?

- a. select fullname, rolename from Accounts, Roles
- b. select fullname, rolename from Accounts, Roles where role=roleid
- c. None of the others
- d. select * from Accounts , Roles

[Clear my choice](#)

Question 16

Answer saved

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Flag question

What memory scope is used to store data that exists until the session is closed, session is time out, or server is crashed?

- a. page scope
- b. Context scope
- c. Session scope
- d. Request scope

[Clear my choice](#)

Question 17

Answer saved

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1.00

Flag question

Consider the code in the file web.xml:

```
...
<context-param>
<param-name>count</param-name>
<param-value>5</param-value>
</context-param>
and in the servlet "testServlet.java"
public class testServlet extends HttpServlet{
    ...
    protected void processRequest(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        //MISSING
    }
}
```

Choose the right option to get initial context parameter at [MISSING]

- a. ServletContext sc=getServletContext();
 int result=sc.getInitParameter("count");
- b. ServletContext sc=getServletContext();
 String result=sc.getInitParameter("count");
- c. ServletConfig scf=getServletConfig();
 String result2=scf.getInitParameter("count");
- d. ServletConfig scf=getServletConfig();
 int result2=scf.getInitParameter("count");

[Clear my choice](#)

Question 18

Answer saved

Marked out of

1.00

Flag question

What statement is used to display data from the session scope in the page(jsp)?

- a. \${sessionScope.name}
- b. <%= session.getAttribute(name) %>
- c. All of the others
- d. \${name}

[Clear my choice](#)

Question 19

Answer saved

Marked out of

1.00

Flag question

Given tld fragment

```
<tag>
<name>test</name>
<tag-class>sample.custag.Test</tag-class>
<body-content>EMPTY</body-content>
<attribute>
<name>a</name>
<required>false</required>
<rtexprvalue>true</rtexprvalue>
</attribute>
</tag>
```

Which following tag is NOT correct when it is applied above configuration? Assume that the prefix of tag is test in used.

- a. <test:test a = "5"/>
- b. None of the others
- c. <test:test>abc</test:test>
- d. <test:test a = "\${2 + 2}"/>

[Clear my choice](#)

Question 20

Answer saved

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1.00

Which method does container generate code with scriptlets and expression?

- a. _jspForward

Flag question

b. none of the others

c. service

d. JspService

[Clear my choice](#)

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**Question 21**Answer saved
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Flag question

Consider the code:

```
<form action="target" method="post">
<input type="text" value="testing" name="txt"/>
<input type="submit" name="btn" value="search"/>
</form>
```

What value will be sent to the resource "target" after submitting?

- a. The text "testing" is sent
- b. Both "testing" and "search" are sent
- c. The text "search" is sent
- d. nothing is sent

[Clear my choice](#)
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Time left 0:54:22

Question 22Answer saved
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Flag question

Which symbol is used to get or call get method of object in EL?

- a. Double quote
- b. Dot Symbol
- c. None of the others
- d. Semi Colon Symbol

[Clear my choice](#)
Question 23Answer saved
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1.00
Flag question

choose the right option to insert data as: name="testing" to the request scope in the servlet.

- a. request.setAttribute("name","testing");
- b. RequestScope.setAttribute("name","testing");
- c. Request.setAttribute("name","testing");
- d. this.setAttribute("name","testing");

[Clear my choice](#)
Question 24Answer saved
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1.00
Flag question

Which following function in core library taglib of JSTL is used to make the url rewriting technique?

- a. import and/or param
- b. set and/or param
- c. url and/or param
- d. None of the others

[Clear my choice](#)
Question 25Answer saved
Marked out of
1.00
Flag question

What memory scope is used to store data that exists until the web container is stopped?

- a. session scope
- b. request scope
- c. application/context scope
- d. page scope

[Clear my choice](#)
Question 26Answer saved
Marked out of
1.00
Flag question

How does output of Servlet Object present into browser?

- a. The servlet's output should be put into Response Object
- b. None of the others
- c. The servlet's output should be put into Scope then Request Dispatcher will be forwarded to browser
- d. The servlet's output is automatically sent to user's browser

[Clear my choice](#)
Question 27Answer saved
Marked out of
1.00
Flag question

Assume that all library files are imported, the page is run on the localhost, port:8080, the web name is "MyWeb"

consider the code in the file "index.jsp"

```
...
<c:url var="test" value="search.jsp">
  <c:param name="key" value="plant"/>
</c:url>
```

```
<a href="#">

```

What will be displayed when the user clicks the hot pot "click here"?

- [1] "http://localhost/MyWeb/search.jsp?key=plant"
- [2] "http://localhost:8080/MyWeb/search.jsp?key=plant"
- [3] "http://localhost/MyWeb/search.jsp?key=plant"
- [4] "http://localhost:8080/MyWeb/search.jsp?key=plant"

- a. 2
- b. 3
- c. 4
- d. 1

[Clear my choice](#)

Question 28

Answer saved

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question

assume that all library files are imported, consider the code in the files:

processingServlet.java
...
ArrayList<Book> list=new ArrayList();
list.add(new Book("b1","test1"));
list.add(new Book("b2","test2"));
list.add(new Book("b3","test3"));
request.setAttribute("data",list);
response.sendRedirect("index.jsp");
...

index.jsp
...
<c:foreach var="b" items="\${requestScope.data}">
 <p>\${b.id} \${b.title}</p>
</c:foreach>
...

What is the output when processingServlet.java runs?

- a. display three paragraphs that are empty string
- b. None of the others
- c. display three paragraphs that contain id and title of the books
- d. display three paragraphs that are null

[Clear my choice](#)

Question 29

Answer saved

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question

Which of following feature does indicate "Servlet should NOT use as dynamic page"?

- a. Initialize only once at deploy time
- b. None of the others
- c. Low lever HTML format
- d. Getting auto refresh on receiving a request time

[Clear my choice](#)

Question 30

Answer saved

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question

What is data-source?

- a. Logical name binds to context path that is in the context.xml file and container read it at deploy time
- b. None of the others
- c. Logical name binds to database server address with its authentication and connection drivers
- d. Logical name is get from database's name

[Clear my choice](#)

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Question 31Answer saved
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Consider the code in the filter

```
public void doFilter(ServletRequest request, ServletResponse response,
    FilterChain chain) throws IOException, ServletException {
    try {
        chain.doFilter(request, response);
        request.setAttribute("id", "SE12345");
    } catch (Throwable t) {}
}
```

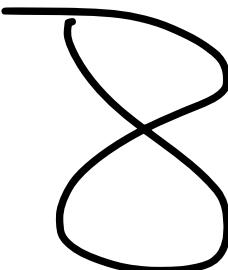
And the code in the servlet1

```
...
String s= (String)request.getAttribute("id");
out.println("id:" +s);
...
```

Apply this filter to the servlet1

What is displayed in the browser?

- a. the empty string is displayed in the browser.
- b. the text "SE12345" is displayed in the browser.
- c. the null value is displayed in the browser
- d. None of the others

[Clear my choice](#)**Quiz navigation**

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Question 32Answer saved
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What is the meaning of param keyword in EL?

- a. param is a briefcase of request.getParameter
- b. param is a briefcase of Request Parameter
- c. param is a briefcase of Parameters of Context Scope, Config, and Request Scope
- d. None of the others

[Clear my choice](#)**Question 33**Answer saved
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1.00
[Flag question](#)

What is the url-pattern tag in filter-mapping tag for?

- a. None of the others
- b. Determining the resource is applied by configurating Filter
- c. Determining the access path to access the Filter from the browser
- d. Define the mechanism to resource accessing the Filter

[Clear my choice](#)**Question 34**Answer saved
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[Flag question](#)

How does remain the Request Object's life longer?

- a. Using UrlRewriting combining sendRedirect method of Response Object
- b. Using Attribute of Request Object
- c. None of the others
- d. Using Request Dispatcher

[Clear my choice](#)**Question 35**Answer saved
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1.00
[Flag question](#)

The method="GET" Is the method commonly used to request a resource/get information from the server. What this method is triggered by ?

- a. All of the others
- b. Typing into the address line of the browser and pressing GO
- c. Clicking on a link in a web page
- d. Pressing the submit button in an HTML form with GET method

[Clear my choice](#)**Question 36**Answer saved
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[Flag question](#)

Which mission of JSP Engine does?

- a. None of the others
- b. Parse JSP File, Generate Servlet Code, Compile Servlet, and Instantize Servlet
- c. Compile JSP into Java Class, Generate Mapping into Web Deployment Descriptor (web.xml), Generate Request and Response Object, Forward to Resource
- d. Generate Servlet Code, Compile Servlet, Generate Mapping into Web Deployment Descriptor (web.xml), and Instantize Servlet

[Clear my choice](#)**Question 37**Answer saved
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1.00
[Flag question](#)

What method commonly used for passing user input/ sending information to the server. These request parameters are passed in the body of the request?

- a. GET

1.00
Flag question

- b. POST
 c. SENT
 d. PASS

[Clear my choice](#)

Question 38
Answer saved
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Flag question

- a. Tomcat Server
 b. None of the others
 c. Container
 d. Servlet

[Clear my choice](#)

Question 39
Answer saved
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Flag question

Which structure of war file does?

a. WEB-INF directory, resources that browser can access depending permission putting outside WEB-INF directory, and/or META-INF directory
 b. WEB-INF directory, and META-INF directory
 c. WEB-INF directory, all directory putting outside WEB-INF directory that is shown in IDE tool, lib directory with jar files that are added, and/or META-INF directory
 d. None of the others

[Clear my choice](#)

Question 40
Answer saved
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Flag question

consider the code:
<form action="/targetServlet">....</form>
Choose the right option.

a. The browser will assume the the path at the root location for specified host (<http://host:port>).
 b. The browser will assume that "targetServlet" resides in the same place the default page as index.jsp or index.html
 c. The browser will assume that "targetServlet" resides in the Lib folder
 d. The browser will assume that "targetServlet" resides in the WEB_INF folder

[Clear my choice](#)

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Question 41

Answer saved

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What is Interceptor in Struts 2 Framework?

- a. It is another Filter that receive information from Main Filter (Dispatch Filter)
- b. None of the others
- c. It is a Filter that applied to application when the user uses browser send request to container

[Clear my choice](#)
Question 42

Answer saved

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Assume that path is valid, consider the code in two servlets:

```
firstServlet.java
protected void processRequest(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
    request.setAttribute("us","Testing");
    request.getRequestDispatcher("secondServlet").forward(request,response);
}
```

```
...
secondServlet.java
```

```
protected void processRequest(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
    try (PrintWriter out = response.getWriter()) {
        String data=request.getParameter("us");
        out.println(data);
    }
}
```

What is the result when the first Servlet runs?

OK

- a. None of the others
- b. display "" in the browser.
- c. display "Testing" in the browser.
- d. display "null" in the browser.

[Clear my choice](#)
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Question 43

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What Java API is used in your code to access data that is stored in RDBMS?

- a. java.sql.* and java.query.*
- b. javax.query.*
- c. java.sql.* and javax.sql.*
- d. java.query.*

[Clear my choice](#)
Question 44

Answer saved

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1.00

Which definition is used to map dynamic database connection?

- a. None of the others
- b. Java Database Connection
- c. Resource
- d. Data-source

[Clear my choice](#)
Question 45

Answer saved

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Consider the table structure:

Accounts(accid: int primary key, fullname: varchar(20), role: int foreign key, email: varchar(20)).

Roles(roleid: int, description: varchar(50))

What query can be used to check the account id=1 that exists in the Accounts table?

- a. all of the others
- b. select count(accid) from Accounts where accid=1
- c. select accid from Accounts where accid=1
- d. select * from Accounts where accid=1

[Clear my choice](#)
Question 46

Answer saved

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What is difference about resource response mission between Request Dispatcher and Filter?

- a. The last resource that is forwarded information will response in Request Dispatcher. The first Filter that is apply to resources will be response in Filter
- b. None of the others
- c. The first resource that is forwarded information will response in Request Dispatcher mechanism. The last Filter that is apply to resources will be response in Filter
- d. The first resource that is forwarded information will response in Request Dispatcher mechanism. The last resources that is applied filter will be response in Filter

[Clear my choice](#)
Question 47

Answer saved

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Consider the code:

.....

String sql="select ORDERID,ORDERDATE,STATUS from ORDERS where STATUS=?";

1.00
Flag question

```
PreparedStatement pst=cn.prepareStatement(sql);
//MISSING
ResultSet rs=pst.executeQuery();
...
What statement is used insert to [MISSING] to get orders that is processing?
```

- a. pst.getString("STATUS");
- b. pst.setInt(1,"processing");
- c. pst.setString("processing");
- d. pst.setString(1,"processing");

Clear my choice

Question 48
Answer saved
Marked out of 1.00
Flag question

What way is used to transfer data from the resource (jsp or servlet) to the other resource?

- a. request.getRequestDispatcher(url).forward(request,response);
- b. request.sendRedirect(url);
- c. request.dispatcher(url).send();
- d. response.sendRedirect(url);

Clear my choice

Question 49
Answer saved
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Consider the code in the file "web.xml":

```
<web-app>
...
<filter>
    <filter-name>myfilter</filter-name>
    <filter-class>vanttn.filter.myfilter</filter-class>
</filter>
<filter-mapping>
    <filter-name>myfilter</filter-name>
    <url-pattern>/servlet1</url-pattern>
</filter-mapping>
...
</web-app>
```

Choose the right statement.

- [1] Intercept the requests and response that flow between a client and the servlet "servlet1".
- [2] Supports dynamic modification of requests between a client and the servlet "servlet1"
- [3] only apply the filter "myfilter" to all servlets in the web app exception the servlet "servlet1"
- [4] can not apply the filter "myfilter" by using "web.xml"

- a. 1
- b. 2
- c. 3
- d. 4

Clear my choice

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