1.What is difference between enum and enumeration?

**Enumeration** is an interface : An object that implements the Enumeration interface generates a series of elements, one at a time.

**For example, to print all elements of a Vector<E> v:**

**for (Enumeration<E> e = v.elements(); e.hasMoreElements();)**

**System.out.println(e.nextElement());**

**enum** is a data type: An enum type is a special data type that enables for a variable to be a set of predefined constants.

For example, you would specify a days-of-the-week enum type as:

public enum Day {

SUNDAY, MONDAY, TUESDAY, WEDNESDAY,

THURSDAY, FRIDAY, SATURDAY

}

public static void main(String[] args)

{

System.out.ptintln(Day.SUNDAY); // print SUNDAY

}

2.What is pseudo class?

A pseudo-class is used to define a special state of an element.

For example, it can be used to:

* Style an element when a user mouses over it
* Style visited and unvisited links differently
* Style an element when it gets focus

The syntax of pseudo-classes:

selector:pseudo-class {  
  property:value;  
}

3.What is page context?

The pageContext object is used to represent the entire JSP page. This object is intended as a means to access information about the page while avoiding most of the implementation details. This object stores references to the request and response objects for each request.

|  |
| --- |
| In JSP, pageContext is an implicit object of type PageContext class.The pageContext object can be used to set,get or remove attribute from one of the following scopes:   * page * request * session * application |
| In JSP, page scope is the default scope. |

4.What is Session scope?

‘session’ scope means, the JSP object is accessible from pages that belong to the same session from where it was created. The JSP object that is created using the session scope is bound to the session object. Implicit object session has the ‘session’ scope.

Example:

Example of JSP Session Scope

<jsp:useBean id="employee" class="EmployeeBean" scope="session" />