**IWP LAB**

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**17BCE1112**

**XML CODE**

<?xml version="1.0" encoding="UTF-8"?>

<?xml-stylesheet type="text/xsl" href="res.xsl"?>

<!DOCTYPE notes [

<!ELEMENT reservation (Name,Gender,Date,Source,Destination,Amount,Class,SeatNo)>

<!ELEMENT Name (#PCDATA)>

<!ELEMENT Gender (#PCDATA)>

<!ELEMENT Date (#PCDATA)>

<!ELEMENT Source (#PCDATA)>

<!ELEMENT Destination (#PCDATA)>

<!ELEMENT Amount (#PCDATA)>

<!ELEMENT Class (#PCDATA)>

<!ELEMENT SeatNo (#PCDATA)>

<!ATTLIST reservation sid ID #REQUIRED>

]>

<reservations>

<reservation sid="A1">

<Name>Sam</Name>

<Gender>Male</Gender>

<Date>10/05/2018</Date>

<Source>Chennai</Source>

<Destination>Delhi</Destination>

<Amount>1500</Amount>

<Class>Second</Class>

<SeatNo>S1</SeatNo>

</reservation>

<reservation sid="A2">

<Name>Sammy</Name>

<Gender>Female</Gender>

<Date>12/05/2018</Date>

<Source>Bangalore</Source>

<Destination>Mumbai</Destination>

<Amount>2300</Amount>

<Class>First</Class>

<SeatNo>S12</SeatNo>

</reservation>

<reservation sid="A3">

<Name>John</Name>

<Gender>Male</Gender>

<Date>12/07/2018</Date>

<Source>Bangalore</Source>

<Destination>Delhi</Destination>

<Amount>1300</Amount>

<Class>First</Class>

<SeatNo>S15</SeatNo>

</reservation>

<reservation sid="A3">

<Name>Joe</Name>

<Gender>Female</Gender>

<Date>15/05/2018</Date>

<Source>Bangalore</Source>

<Destination>Kanpur</Destination>

<Amount>2300</Amount>

<Class>First</Class>

<SeatNo>S18</SeatNo>

</reservation>

</reservations>

**XSL CODE**

<?xml version="1.0" encoding="UTF-8"?>

<xsl:stylesheet version="1.0"

xmlns:xsl="http://www.w3.org/1999/XSL/Transform">

<xsl:template match="/">

<html> <body>

<h2>Passenger</h2>

<table border = "1">

<tr bgcolor = "yellow">

<th>Name</th>

<th>Gender</th>

<th>Date</th>

<th>Source</th>

<th>Destination</th>

<th>Amount</th>

<th>Class</th>

<th>SeatNo</th>

</tr>

<xsl:for-each select="reservations/reservation">

<tr>

<td><xsl:value-of select = "Name"/></td>

<xsl:if test="Gender='Female'">

<td bgcolor="cyan"><xsl:value-of select = "Gender"/></td>

</xsl:if>

<xsl:if test="Gender='Male'">

<td bgcolor="white"><xsl:value-of select = "Gender"/></td>

</xsl:if>

<td bgcolor="green"><xsl:value-of select = "Date"/></td>

<td><xsl:value-of select = "Source"/></td>

<td><xsl:value-of select = "Destination"/></td>

<td><xsl:value-of select = "Amount"/></td>

<td><xsl:value-of select = "Class"/></td>

<td bgcolor="red"><xsl:value-of select = "SeatNo"/></td>

</tr>

</xsl:for-each>

</table>

</body> </html>

</xsl:template>

</xsl:stylesheet>

**OUTPUT**

