**Name: Sanjay Tharagesh R S**

**Roll No: CB.EN.U4CSE17453**

**Drive Link to all files:** <https://drive.google.com/drive/folders/1w7pw-PxKdNlJ4Mj14WH5DcV5Vv_9yPZT?usp=sharing>

**XML Code (Number of rows is trimmed)**

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

<root xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:noNamespaceSchemaLocation="D:\sem7\NCP\Lab - 7\XSD\MELBOURNE\_HOUSE\_PRICES\_LESS - Copy.xsd">

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    <Address>49 Lithgow St</Address>

    <Rooms>3</Rooms>

    <Type>h</Type>

    <Price>1490000</Price>

    <Method>S</Method>

    <SellerG>Jellis</SellerG>

    <Date>01-04-2017</Date>

    <Postcode>3067</Postcode>

    <Regionname>Northern Metropolitan</Regionname>

    <Propertycount>4019</Propertycount>

    <Distance>3</Distance>

    <CouncilArea>Yarra City Council</CouncilArea>

  </row>

  <row>

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    <Address>59A Turner St</Address>

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    <Type>h</Type>

    <Price>1220000</Price>

    <Method>S</Method>

    <SellerG>Marshall</SellerG>

    <Date>01-04-2017</Date>

    <Postcode>3067</Postcode>

    <Regionname>Northern Metropolitan</Regionname>

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  <row>

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  <row>

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    <Address>92 Clydesdale Rd</Address>

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    <Type>h</Type>

    <Price>670000</Price>

    <Method>S</Method>

    <SellerG>Nelson</SellerG>

    <Date>01-04-2017</Date>

    <Postcode>3042</Postcode>

    <Regionname>Western Metropolitan</Regionname>

    <Propertycount>3464</Propertycount>

    <Distance>10.4</Distance>

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  </row>

  <row>

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    <Type>t</Type>

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    <Type>u</Type>

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  <row>

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    <Method>SP</Method>

    <SellerG>Nelson</SellerG>

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    <Postcode>3042</Postcode>

    <Regionname>Western Metropolitan</Regionname>

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    <Distance>10.4</Distance>

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**XSL Code**

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    <xsl:template match="/">

        <html>

            <body style="text-align:center">

                <h2>Melbourne House Price Dataset</h2>

                <p>This data was scraped from publicly available results posted every week from Domain.com.au, I've cleaned it as best I can, now it's up to you to make data analysis magic. The dataset includes Address, Type of Real estate, Suburb, Method of Selling, Rooms, Price, Real Estate Agent, Date of Sale and distance from C.B.D.</p>

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                        <th>Address</th>

                        <th>Rooms</th>

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                        <th>Method</th>

                        <th>SellerG</th>

                        <th>Date</th>

                        <th>Postcode</th>

                        <th>Regionname</th>

                        <th>Propertycount</th>

                        <th>Distance</th>

                        <th>CouncilArea</th>

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                        <th>SellerG</th>

                        <th>Date</th>

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                <h2>Distance is greater than 10 miles and in sorted order</h2>

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                        <th>Date</th>

                        <th>Postcode</th>

                        <th>Regionname</th>

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                            </tr>

                        </xsl:if>

                    </xsl:for-each>

                </table>

                <ul>

                    <h2>Sorted based on Number of Rooms</h2>

                    <h2>Type of house(h, u, t) is expanded</h2>

                    <h2>Coloured based on distance value</h2>

                    <h2>Colour palatte</h2>

                    <span style="background-color:#ac123c; color: white; padding:10px">Distance &lt; 11 </span>

                    <span style="background-color:#ff12ff; color: white; padding:10px">Distance &lt; 21 </span>

                    <span style="background-color:#fc9200; color: white; padding:10px">Distance &lt;= 21 </span>

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                        <th>Method</th>

                        <th>SellerG</th>

                        <th>Date</th>

                        <th>Postcode</th>

                        <th>Regionname</th>

                        <th>Propertycount</th>

                        <th>Distance</th>

                        <th>CouncilArea</th>

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                            <xsl:choose>

                                <xsl:when test="Type = 'h'">

                                    <td>Villa</td>

                                </xsl:when>

                                <xsl:when test="Type = 'u'">

                                    <td>Duplex</td>

                                </xsl:when>

                                <xsl:otherwise>

                                    <td>Town House</td>

                                </xsl:otherwise>

                            </xsl:choose>

                            <td>

                                <xsl:value-of select="Price"/>

                            </td>

                            <td>

                                <xsl:value-of select="Method"/>

                            </td>

                            <td>

                                <xsl:value-of select="SellerG"/>

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                            <xsl:choose>

                                <xsl:when test="Distance &lt; 11">

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            </body>

        </html>

    </xsl:template>

</xsl:stylesheet>