POST TEST PRAKTIKUM BAHASA PEMROGRAMAN 1

MODUL 9 : iREPORT

Nama : Ilham Hafidz

NIM : 20220810052

Kelas : TINFC-2022-01

TUGAS

Jawab :

File reportDataMahasiswa.jrxml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<jasperReport xmlns="http://jasperreports.sourceforge.net/jasperreports"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports
http://jasperreports.sourceforge.net/xsd/jasperreport.xsd" name="null"
language="groovy" pageWidth="595" pageHeight="842" columnWidth="555"
leftMargin="20" rightMargin="20" topMargin="20" bottomMargin="20"
uuid="c83f2ae3-2aa6-4bba-9150-a18661b033fe">
    <property name="ireport.zoom" value="1.0"/>
    <property name="ireport.x" value="0"/>
    <property name="ireport.y" value="18"/>
    <queryString language="SQL">
        <![CDATA[Select * From mhs]]>
    </queryString>
    <field name="nim" class="java.lang.Integer">
        <fieldDescription><![CDATA[]]></fieldDescription>
    </field>
    <field name="nama" class="java.lang.String">
        <fieldDescription><![CDATA[]]></fieldDescription>
    </field>
    <field name="jk" class="java.lang.String">
        <fieldDescription><![CDATA[]]></fieldDescription>
    </field>
    <field name="prodi" class="java.lang.String">
        <fieldDescription><![CDATA[]]></fieldDescription>
    </field>
    <field name="alamat" class="java.lang.String">
        <fieldDescription><![CDATA[]]></fieldDescription>
    </field>
    <field name="kelas" class="java.lang.String">
        <fieldDescription><![CDATA[]]></fieldDescription>
    </field>
    <field name="angkatan" class="java.lang.String">
        <fieldDescription><![CDATA[]]></fieldDescription>
    </field>
    <field name="hp" class="java.lang.String">
        <fieldDescription><![CDATA[]]></fieldDescription>
    </field>
    <background>
```

```xml
            <band splitType="Stretch"/>
        </background>
        <title>
            <band height="79" splitType="Stretch">
                <staticText>
                    <reportElement uuid="4a74ee30-a492-4f18-b553-2b7da4a72739" x="101"
y="23" width="336" height="40"/>
                    <textElement>
                        <font size="24" isBold="true"/>
                    </textElement>
                    <text><![CDATA[REPORT DATA MAHASISWA]]></text>
                </staticText>
            </band>
        </title>
        <pageHeader>
            <band height="35" splitType="Stretch">
                <staticText>
                    <reportElement uuid="81662b0e-c6ff-4ff1-8743-59bb51044a0c" x="167"
y="7" width="182" height="20"/>
                    <textElement>
                        <font size="14"/>
                    </textElement>
                    <text><![CDATA[Disusun Oleh : Ilham Hafidz]]></text>
                </staticText>
            </band>
        </pageHeader>
        <columnHeader>
            <band height="61" splitType="Stretch">
                <staticText>
                    <reportElement uuid="858a65a0-a0a0-442e-92bb-825951f02c6f" x="0"
y="41" width="69" height="20"/>
                    <box topPadding="3" leftPadding="5" bottomPadding="3"
rightPadding="5">
                        <pen lineWidth="1.0"/>
                        <topPen lineWidth="1.0"/>
                        <leftPen lineWidth="1.0"/>
                        <bottomPen lineWidth="1.0"/>
                        <rightPen lineWidth="1.0"/>
                    </box>
                    <textElement textAlignment="Center">
                        <font isBold="true"/>
                    </textElement>
                    <text><![CDATA[NIM]]></text>
                </staticText>
                <staticText>
                    <reportElement uuid="72790ae9-ab61-4e10-a181-1a656b96082b" x="69"
y="41" width="69" height="20"/>
                    <box topPadding="3" leftPadding="5" bottomPadding="3"
rightPadding="5">
                        <pen lineWidth="1.0"/>
                        <topPen lineWidth="1.0"/>
                        <leftPen lineWidth="1.0"/>
                        <bottomPen lineWidth="1.0"/>
                        <rightPen lineWidth="1.0"/>
                    </box>
                    <textElement textAlignment="Center">
                        <font isBold="true"/>
                    </textElement>
                    <text><![CDATA[Nama]]></text>
                </staticText>
                <staticText>
                    <reportElement uuid="964c9c31-9cca-4213-9e0e-3043ecf43387" x="138"
```

```
					y="41" width="69" height="20"/>
				<box topPadding="3" leftPadding="5" bottomPadding="3"
rightPadding="5">
					<pen lineWidth="1.0"/>
					<topPen lineWidth="1.0"/>
					<leftPen lineWidth="1.0"/>
					<bottomPen lineWidth="1.0"/>
					<rightPen lineWidth="1.0"/>
				</box>
				<textElement textAlignment="Center">
					<font isBold="true"/>
				</textElement>
				<text><![CDATA[Jenis Kelamin]]></text>
			</staticText>
			<staticText>
				<reportElement uuid="599b33c0-b2ac-4bc8-a174-fa8a75035f28" x="207"
y="41" width="69" height="20"/>
				<box topPadding="3" leftPadding="5" bottomPadding="3"
rightPadding="5">
					<pen lineWidth="1.0"/>
					<topPen lineWidth="1.0"/>
					<leftPen lineWidth="1.0"/>
					<bottomPen lineWidth="1.0"/>
					<rightPen lineWidth="1.0"/>
				</box>
				<textElement textAlignment="Center">
					<font isBold="true"/>
				</textElement>
				<text><![CDATA[Prodi]]></text>
			</staticText>
			<staticText>
				<reportElement uuid="1d092fee-f9dc-4dec-92f2-a33a4bdb877d" x="276"
y="41" width="69" height="20"/>
				<box topPadding="3" leftPadding="5" bottomPadding="3"
rightPadding="5">
					<pen lineWidth="1.0"/>
					<topPen lineWidth="1.0"/>
					<leftPen lineWidth="1.0"/>
					<bottomPen lineWidth="1.0"/>
					<rightPen lineWidth="1.0"/>
				</box>
				<textElement textAlignment="Center">
					<font isBold="true"/>
				</textElement>
				<text><![CDATA[Alamat]]></text>
			</staticText>
			<staticText>
				<reportElement uuid="f5ee89a2-9f92-47b4-a81a-f25e4ed4d209" x="345"
y="41" width="69" height="20"/>
				<box topPadding="3" leftPadding="5" bottomPadding="3"
rightPadding="5">
					<pen lineWidth="1.0"/>
					<topPen lineWidth="1.0"/>
					<leftPen lineWidth="1.0"/>
					<bottomPen lineWidth="1.0"/>
					<rightPen lineWidth="1.0"/>
				</box>
				<textElement textAlignment="Center">
					<font isBold="true"/>
				</textElement>
				<text><![CDATA[Kelas]]></text>
			</staticText>
```

```xml
<staticText>
    <reportElement uuid="01e7ab6f-95ed-4916-9f32-222037d87624" x="414" y="41" width="69" height="20"/>
    <box topPadding="3" leftPadding="5" bottomPadding="3" rightPadding="5">
        <pen lineWidth="1.0"/>
        <topPen lineWidth="1.0"/>
        <leftPen lineWidth="1.0"/>
        <bottomPen lineWidth="1.0"/>
        <rightPen lineWidth="1.0"/>
    </box>
    <textElement textAlignment="Center">
        <font isBold="true"/>
    </textElement>
    <text><![CDATA[Angkatan]]></text>
</staticText>
<staticText>
    <reportElement uuid="d8a44e39-c9b6-4483-ac73-8aad1aff186d" x="483" y="41" width="69" height="20"/>
    <box topPadding="3" leftPadding="5" bottomPadding="3" rightPadding="5">
        <pen lineWidth="1.0"/>
        <topPen lineWidth="1.0"/>
        <leftPen lineWidth="1.0"/>
        <bottomPen lineWidth="1.0"/>
        <rightPen lineWidth="1.0"/>
    </box>
    <textElement textAlignment="Center">
        <font isBold="true"/>
    </textElement>
    <text><![CDATA[No HP]]></text>
</staticText>
    </band>
  </columnHeader>
  <detail>
    <band height="20" splitType="Stretch">
      <textField>
        <reportElement uuid="33316fac-bf31-4cee-9932-1db24c54c1fc" x="0" y="0" width="69" height="20"/>
        <box topPadding="3" leftPadding="5" bottomPadding="3" rightPadding="5">
            <pen lineWidth="1.0"/>
            <topPen lineWidth="1.0"/>
            <leftPen lineWidth="1.0"/>
            <bottomPen lineWidth="1.0"/>
            <rightPen lineWidth="1.0"/>
        </box>
        <textElement/>
        <textFieldExpression><![CDATA[$F{nim}]]></textFieldExpression>
      </textField>
      <textField>
        <reportElement uuid="439dbf35-877b-447d-9180-177b3a9f0a9b" x="69" y="0" width="69" height="20"/>
        <box topPadding="3" leftPadding="5" bottomPadding="3" rightPadding="5">
            <pen lineWidth="1.0"/>
            <topPen lineWidth="1.0"/>
            <leftPen lineWidth="1.0"/>
            <bottomPen lineWidth="1.0"/>
            <rightPen lineWidth="1.0"/>
        </box>
        <textElement/>
```

```
            <textFieldExpression><![CDATA[$F{nama}]]></textFieldExpression>
        </textField>
        <textField>
            <reportElement uuid="ecb3b660-ec3d-4b4f-8f3b-869001e134a3" x="138"
y="0" width="69" height="20"/>
            <box topPadding="3" leftPadding="5" bottomPadding="3"
rightPadding="5">
                <pen lineWidth="1.0"/>
                <topPen lineWidth="1.0"/>
                <leftPen lineWidth="1.0"/>
                <bottomPen lineWidth="1.0"/>
                <rightPen lineWidth="1.0"/>
            </box>
            <textElement/>
            <textFieldExpression><![CDATA[$F{jk}]]></textFieldExpression>
        </textField>
        <textField>
            <reportElement uuid="f4e7c0fb-a94f-4a72-b1df-e30c951adc2c" x="207"
y="0" width="69" height="20"/>
            <box topPadding="3" leftPadding="5" bottomPadding="3"
rightPadding="5">
                <pen lineWidth="1.0"/>
                <topPen lineWidth="1.0"/>
                <leftPen lineWidth="1.0"/>
                <bottomPen lineWidth="1.0"/>
                <rightPen lineWidth="1.0"/>
            </box>
            <textElement/>
            <textFieldExpression><![CDATA[$F{prodi}]]></textFieldExpression>
        </textField>
        <textField>
            <reportElement uuid="ea899cf9-1e91-4753-9d6d-d64f515de98b" x="276"
y="0" width="69" height="20"/>
            <box topPadding="3" leftPadding="5" bottomPadding="3"
rightPadding="5">
                <pen lineWidth="1.0"/>
                <topPen lineWidth="1.0"/>
                <leftPen lineWidth="1.0"/>
                <bottomPen lineWidth="1.0"/>
                <rightPen lineWidth="1.0"/>
            </box>
            <textElement/>
            <textFieldExpression><![CDATA[$F{alamat}]]></textFieldExpression>
        </textField>
        <textField>
            <reportElement uuid="dedc1cf6-3faa-44cd-a266-7a48205c3762" x="345"
y="0" width="69" height="20"/>
            <box topPadding="3" leftPadding="5" bottomPadding="3"
rightPadding="5">
                <pen lineWidth="1.0"/>
                <topPen lineWidth="1.0"/>
                <leftPen lineWidth="1.0"/>
                <bottomPen lineWidth="1.0"/>
                <rightPen lineWidth="1.0"/>
            </box>
            <textElement/>
            <textFieldExpression><![CDATA[$F{kelas}]]></textFieldExpression>
        </textField>
        <textField>
            <reportElement uuid="e4a4fba1-a5a3-4199-9359-3b7b38d79a6a" x="414"
y="0" width="69" height="20"/>
            <box topPadding="3" leftPadding="5" bottomPadding="3"
```
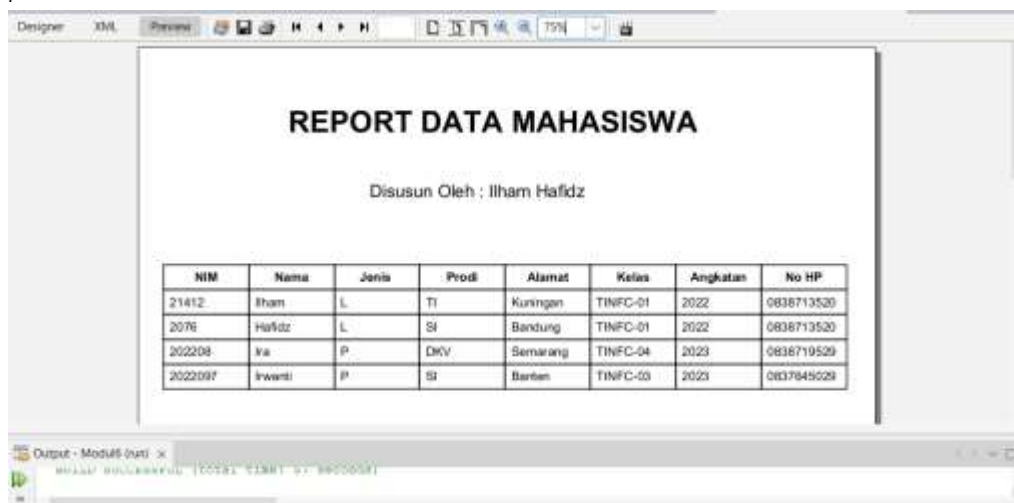
```
rightPadding="5">
            <pen lineWidth="1.0"/>
            <topPen lineWidth="1.0"/>
            <leftPen lineWidth="1.0"/>
            <bottomPen lineWidth="1.0"/>
            <rightPen lineWidth="1.0"/>
        </box>
        <textElement/>
        <textFieldExpression><![CDATA[$F{angkatan}]]></textFieldExpression>
    </textField>
    <textField>
        <reportElement uuid="85d9415c-d980-4766-a811-6c913b04e2eb" x="483"
y="0" width="69" height="20"/>
        <box topPadding="3" leftPadding="5" bottomPadding="3"
rightPadding="5">
            <pen lineWidth="1.0"/>
            <topPen lineWidth="1.0"/>
            <leftPen lineWidth="1.0"/>
            <bottomPen lineWidth="1.0"/>
            <rightPen lineWidth="1.0"/>
        </box>
        <textElement/>
        <textFieldExpression><![CDATA[$F{hp}]]></textFieldExpression>
    </textField>
  </band>
 </detail>
 <columnFooter>
    <band height="45" splitType="Stretch"/>
 </columnFooter>
 <pageFooter>
    <band height="54" splitType="Stretch"/>
 </pageFooter>
 <summary>
    <band height="42" splitType="Stretch"/>
 </summary>
</jasperReport>
```

Output / Preview :

REPORT DATA MAHASISWA

Disusun Oleh : Ilham Hafidz

NIM	Nama	Jenis	Prodi	Alamat	Kelas	Angkatan	No HP
21412	Ilham	L	TI	Kuningan	TINFC-01	2022	0838713520
2076	Hafidz	L	SI	Bandung	TINFC-01	2022	0838713520
202208	Ira	P	DKV	Semarang	TINFC-04	2023	0838719529
2022097	Irwanti	P	SI	Banten	TINFC-03	2023	0837645029

Data di Database tabel mhs

			id	nim	nama	jk	prodi	alamat	kelas	angkatan	hp
☐	Edit ᴈᴇ Copy ⊜ Delete		1	21412	Ilham	L	TI	Kuningan	TINFC-01	2022	083871352030
☐	Edit ᴈᴇ Copy ⊜ Delete		2	2076	Hafidz	L	SI	Bandung	TINFC-01	2022	083871352030
☐	Edit ᴈᴇ Copy ⊜ Delete		3	202208	Ira	P	DKV	Semarang	TINFC-04	2023	083871952970
☐	Edit ᴈᴇ Copy ⊜ Delete		4	2022097	Irwanti	P	SI	Banten	TINFC-03	2023	083764502937