

PDF Examples

JAR LINK:

<https://repo1.maven.org/maven2/com/itextpdf/itextpdf/5.0.6/itextpdf-5.0.6.jar>

Task:1:-

EMPLOYEE FORM

ID	<input type="text" value="E101"/>	NAME	<input type="text" value="AJAY"/>
SALARY	<input type="text" value="1000"/>		
ADDRESS	<input type="text" value="HNO:4-44,HYD"/>		
<input type="button" value="Create"/>			

Hello AJAY,
Welcome to Sathyatech,
your id is : E101

Communication Address:
HNO:4-44,HYD

Basic	1000
HRA(8%)	80
TA(2%)	20
Extra(3%)	30
Total	1130

```
package com.app;
```

```
import java.io.IOException;
```

```
import javax.servlet.ServletException;
```

```
import javax.servlet.http.HttpServlet;
```

```
import javax.servlet.http.HttpServletRequest;
```

```
import javax.servlet.http.HttpServletResponse;
```

```
import com.itextpdf.text.Document;
```

```
import com.itextpdf.text.Paragraph;
import com.itextpdf.text.pdf.PdfPTable;
import com.itextpdf.text.pdf.PdfWriter;

public class PdfDataServlet
extends HttpServlet
{
    public void doPost(HttpServletRequest req,
        HttpServletResponse resp)
        throws ServletException, IOException{

        //1. read form Inputs
        String eid=req.getParameter("eid");
        String ename=req.getParameter("ename");
        String esal=req.getParameter("esal");
        String eaddr=req.getParameter("eaddr");

        //2 convert data type
        double basic=Double.parseDouble(esal);

        //3. calculations
        double hra=basic*8/100;
        double ta=basic*2/100;
        double ext=basic*3/100;

        double total=basic+hra+ta+ext;

        resp.setContentType("application/pdf");
        resp.addHeader("Content-Disposition",
            "attachment;filename=employee.pdf");
        try {
            Document doc=new Document();

            PdfWriter.getInstance(doc,resp.getOutputStream());
            doc.open();

            Paragraph p1=new Paragraph("Hello "+ename);
            doc.add(p1);
```

```
Paragraph p2=new Paragraph("Welcome to
Sathyatech, your id is: "+eid);
doc.add(p2);

Paragraph p3=new Paragraph("Communication
Address: "+eaddr);
doc.add(p3);

PdfPTable table=new PdfPTable(2);

table.addCell("BASIC");
table.addCell(String.valueOf(basic));

table.addCell("HRA(8%)");
table.addCell(String.valueOf(hra));

table.addCell("TA(2%)");
table.addCell(String.valueOf(ta));

table.addCell("EXTRA(3%)");
table.addCell(String.valueOf(ext));

table.addCell("TOTAL");
table.addCell(String.valueOf(total));
doc.add(table);

doc.close();


} catch (Exception e) {
    System.out.println(e);
}

}
```

}

Task#2:-

Student Form

NAME	<input type="text" value="SAM"/>	ID	<input type="text" value="U7CS580"/>
EXAM TYPE	<div><input type="text" value="MID"/> </div> <div>SEM, MID, FINAL</div>		
MARKS	<input type="text" value="500"/>		
<div>View Card</div>			

PDF Output

welcome to : <name>
Your Id : <id>

Grade : <FindGrade>
Percentage: <calculate>

Exam Type : <type>
Result: <PASS/FAIL>

**** All the best !! ****

if "SEM" is selected

total_marks = 600

else if "MID" is selected

total_marks = 400

else if "FINAL" is selected

total_marks = 1200

percentage = marks / total_marks * 100

grade =?

if prec>=75 then grade=A+

else if prec<75 && perc>=60 then grade=A

else if prec<60 && perc>=45 then grade=B

else if prec<45 && perc>=35 then grade=B+

Result = perc>=35 -> then PASS

else FAIL

Task#3:-

Invoice Breakup (HTML)

Item Code	<input type="text" value="TV"/>
Cost	<input type="text" value="3000"/>
SLAB	<input type="text" value="SLAB-B"/>
	<input type="text" value="SLAB-A"/>
	<input type="text" value="SLAB-B"/>
	<input type="text" value="SLAB-C"/>
	<input type="text" value="SLAB-D"/>

Invoice

PDF TABLE

ITEM CODE	TV
COST	3000
SGST	50%of SLAB
CGST	50%of SLAB
GST	cost*slab%
TOTAL	cost+gst

gst_percentatge=?

if slab-a > gst_percentatge=5%

-by RAGHU SIR [SATHYATECHNOLOGIES, AMEERPET, HYD]

else if slab-b > gst_percentatge=12%

else if slab-c > gst_percentatge=21%

else if slab-d > gst_percentatge=32%

gst = cost * gst_percentatge /100

cgst=sgst=gst/2;

total amount = cost + gst

FB:

<https://www.facebook.com/groups/thejavatemple>

email : javabyraghu@gmail.com