**1. How to Generate PDF with JavaScript**

**//So simple**

var doc = new jsPDF();

doc.setFontSize(22);

doc.text(20, 20, 'My First PDF');

doc.addPage();

doc.setFontSize(16);

doc.text(20, 30, 'This is some normal sized text underneath.');

**2. List of APIs provided by JSPDF.**

//Create PDf

var doc = new jsPDF();

//Create Landscape PDF

var doc = new jsPDF('landscape');

//Saving docment using data-uri

doc.save('out.pdf')

//get the PDF buffer

doc.output()

//Set PDF properities

doc.setProperties({

    title: 'PDF Title',

    subject: 'This is the subject',

    author: 'Ravishanker Kusuma',

    keywords: 'pdf, javascript,geenerated',

    creator: 'KRS'

});

//Set Font type,size & details

doc.setFont("times");

doc.setFontType("italic");

doc.setFontSize(16);

//Add text to pdf

doc.text(X,Y, 'This is courier bolditalic.'); //X,Y are the position

//Change Text color

doc.setTextColor(150);

//Adding a page

doc.addPage();

//Adding a Line

doc.setLineWidth(0.5);

doc.line(X1, Y1, X2, Y2); // horizontal line

//Draw Rectangle

doc.setDrawColor(0);

doc.setFillColor(255,0,0);

doc.rect(X1, Y1, WIDTH, HEIGHT, 'F');  //F is for Fill

doc.rect(X1, Y1, WIDTH, HEIGHT, 'D');  //D is for Draw

doc.rect(X1, Y1, WIDTH, HEIGTH, 'FD');  //FD is for Fill and Draw

//Draw Triangle

doc.setLineWidth(1);

doc.setDrawColor(255,0,0);

doc.setFillColor(0,0,255);

doc.triangle(X1, Y1, X2, Y2, X3, Y3, 'FD');//FD is for Fill and Draw

**2).Download the generated PDF File**

JSPDF lib generates pdf at the browser and provides an option(using data-uri) to download. But it is not working all browsers.  
You can download the generated PDF using [Downloadify](https://github.com/dcneiner/Downloadify) plugin.  
Downloadify plugin provides an option to download any file(not only pdf) generated at browser.

/'downloadify' is the div id

//'Simple.pdf' is the output file.

Downloadify.create('downloadify',{

            filename: 'Simple.pdf',

            data: function()

            {

                    var doc = new jsPDF();

                    doc.setFontSize(22);

                    doc.text(20, 20, 'FirstPage: My First PDF');

                    doc.addPage();

                    doc.setFontSize(16);

                    doc.text(20, 30, 'Second Page This is some normal sized text underneath.');

                return doc.output();

            },

            onComplete: function(){ alert('Your File Has Been Saved!'); },

            onCancel: function(){ alert('You have cancelled the saving of this file.'); },

            onError: function(){ alert('You must put something in the File Contents or there will be nothing to save!'); },

            downloadImage: 'images/download.png',

            swf: 'images/downloadify.swf',

            width: 100,

            height: 30,

            transparent: true,

            append: false

        });