

Pre-populate Loan Payment Schedule

PAYMENT

Admin Admin

2

Welcome

Manage Loan2

Home > / Manage Lo

Loan

Loan Amount

50000

Loan Interest

6

Monthly Payment

2000

Populate

Payment Schedule

Balance Before	Date	Amount	Payment for Principal	Payment for Interest	Balance After	
50000	1-4-2018	2000	1750	250	48250	<div><div></div><div></div></div>
48250	1-5-2018	2000	1758.75	241.25	46491.25	<div><div></div><div></div></div>
46491.25	1-6-2018	2000	1767.54375	232.45624999999998	44723.70625	<div><div></div><div></div></div>
44723.70625	1-7-2018	2000	1776.3814687499998	223.61853125000005	42947.324781250005	<div><div></div><div></div></div>
42947.324781250005	1-8-2018	2000	1785.26337609375	214.73662390625	41162.06140515625	<div><div></div><div></div></div>
41162.06140515625	1-9-2018	2000	1794.1896929742188	205.81030702578127	39367.87171218203	<div><div></div><div></div></div>
39367.87171218203	1-10-2018	2000	1803.1606414390899	196.83935856091014	37564.71107074294	<div><div></div><div></div></div>
37564.71107074294	1-11-2018	2000	1812.1764446462853	187.8235553537147	35752.534626096654	<div><div></div><div></div></div>
35752.534626096654	1-12-2018	2000	1821.2373268695167	178.76267313048325	33931.29729922714	<div><div></div><div></div></div>

```

<script type="text/javascript">
  function populate(){

    var loanAmount = parseFloat(FormUtil.getValue("loan_amount"));
    var loanInterest = parseFloat(FormUtil.getValue("loan_interest"));
    var loanMonthly = parseFloat(FormUtil.getValue("loan_monthly"));

    var field = FormUtil.getField("payment_schedule");
    var functionName = window[field.attr("id") + "_add"];
    if(typeof functionName === 'function') {

      var seq = 1;
      while(loanAmount>0){
        var balanceBefore = loanAmount;
        var interest = loanAmount * loanInterest/100 / 12;
        var principal = loanMonthly - interest;
        var balanceAfter = loanAmount - principal;
        loanAmount = balanceAfter;

        var currentDate = new Date();
        currentDate.setMonth(currentDate.getMonth() + seq);
        var paymentDate = currentDate.toISOString().slice(0, 10);

        if(interest > loanMonthly){
          alert("Monthly repayment must be higher than interest of " + interest);
          break;
        }

        if(balanceAfter<0){
          loanMonthly += balanceAfter;
          balanceAfter = 0;
          principal = loanMonthly - interest;
        }

        var args = new Object();
        args['result'] = '{"payment_seq":"' + seq + '","balance_before":"' + balanceBefore + '","'
balance_after":"' + "","payment_date":"' + paymentDate + '","payment_amount":"' + loanMonthly + '","'
payment_interest":"' + interest + '","payment_principal":"' + principal + '","balance_after":"' + balanceAfter
+ '"}';

        functionName(args);

        seq++;
      }
    }
    $.unblockUI();
  }
</script>
  <button onClick="$.blockUI(); setTimeout('populate()',500); return false; "><strong style="font-size:130%"
>Populate</strong></button>

```



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