

## Kreditni kalkulator

Kao demo projekat potrebno je uraditi kreditni kalkulator, slican ovom <https://www.calculator.net/loan-calculator.html>

Aplikacija treba da bude uradjena u SPA maniru (React, React Router), i da ima minimum dvije stranice:

### 1. Kalkulator

#### Amortized Loan: Paying Back a Fixed Amount Periodically

Use this calculator for basic calculations of common loan types such as [mortgages](#), [auto loans](#), [student loans](#), or [personal loans](#), or click the links for more detail on each.

Loan Amount	<input type="text" value="\$100000"/>
Loan Term	<input type="text" value="10"/> years
	<input type="text" value="0"/> months
Interest Rate	<input type="text" value="6"/> %
Compound	<input type="text" value="Monthly (APR)"/>
Pay Back	<input type="text" value="Every Month"/>
<input type="button" value="Calculate"/>	

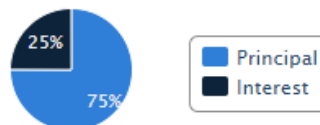
#### Results:

Payment Every Month **\$1,110.21**

Total of 120 Payments **\$133,224.60**

Total Interest **\$33,224.60**

[View Amortization Table](#)



### 2. Tabela amortizacije (slicna onoj koja se dobija klikom na "View Amortization Table")

Amortization Schedule				
	Beginning Balance	Interest	Principal	Ending Balance
1	\$10,000.00	\$41.67	\$64.40	\$9,935.60
2	\$9,935.60	\$41.40	\$64.67	\$9,870.93
3	\$9,870.93	\$41.13	\$64.94	\$9,806.00
4	\$9,806.00	\$40.86	\$65.21	\$9,740.79
5	\$9,740.79	\$40.59	\$65.48	\$9,675.31
6	\$9,675.31	\$40.31	\$65.75	\$9,609.56
7	\$9,609.56	\$40.04	\$66.03	\$9,543.53
8	\$9,543.53	\$39.76	\$66.30	\$9,477.23
9	\$9,477.23	\$39.49	\$66.58	\$9,410.66
10	\$9,410.66	\$39.21	\$66.85	\$9,343.80
11	\$9,343.80	\$38.93	\$67.13	\$9,276.67
12	\$9,276.67	\$38.65	\$67.41	\$9,209.26
Year #1 End				
13	\$9,209.26	\$38.37	\$67.69	\$9,141.56
14	\$9,141.56	\$38.09	\$67.96	\$9,073.59
15	\$9,073.59	\$37.81	\$68.26	\$9,005.33
16	\$9,005.33	\$37.52	\$68.54	\$8,936.78
17	\$8,936.78	\$37.24	\$68.83	\$8,867.96
18	\$8,867.96	\$36.95	\$69.12	\$8,798.84
19	\$8,798.84	\$36.66	\$69.40	\$8,729.44
20	\$8,729.44	\$36.37	\$69.69	\$8,659.74
21	\$8,659.74	\$36.08	\$69.98	\$8,589.76
22	\$8,589.76	\$35.79	\$70.27	\$8,519.49
23	\$8,519.49	\$35.50	\$70.57	\$8,448.92
24	\$8,448.92	\$35.20	\$70.86	\$8,378.06
Year #2 End				

Dobro istraziti sve ulazne parametre, i akcenat mora da bude na samom kodu i organizaciji projekta, izgled je u drugom planu.

Za izradu grafikona, može da se proizvoljno koristi neki od dodataka koji su namjenjeni da se koriste sa React - om, poput <https://react-chartjs-2.netlify.app/> .

Voditi racuna o sitnicama, da korisnik ne može da pokrene proračun ukoliko nije popunio sva obavezna polja, da ne može da pristupi stranici sa tabelom a da prije toga nije obavio proračun itd.

Dodatna pravila:

1. Prilikom kreiranja samog react projekta koristiti TypeScript template.
2. Nije dozvoljena upotreba biblioteka koje imaju gotove komponente, poput <https://mui.com/> !!!

React projekat objaviti na nekoj git platformi i putem mail-a dostaviti link.