

HELP VIEW

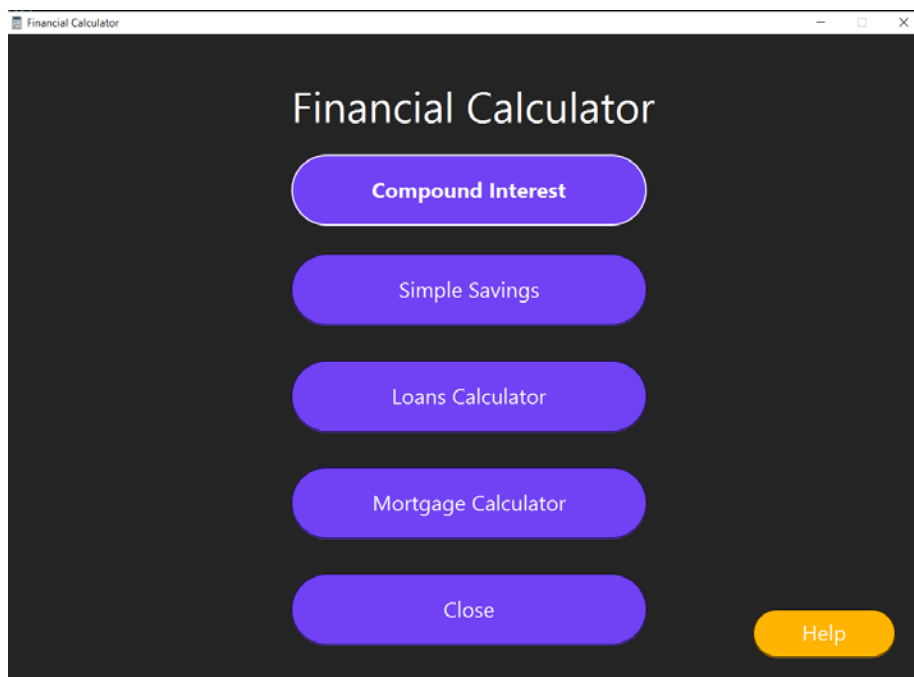
Financial Calculator

This is a calculator where the user can get the help to calculate typical financial problems with the given scenarios.

In here there are 03 types of calculators.

1. **Compound Interest Calculator**
2. **Simple Savings Calculator**
3. **Loan Calculator**

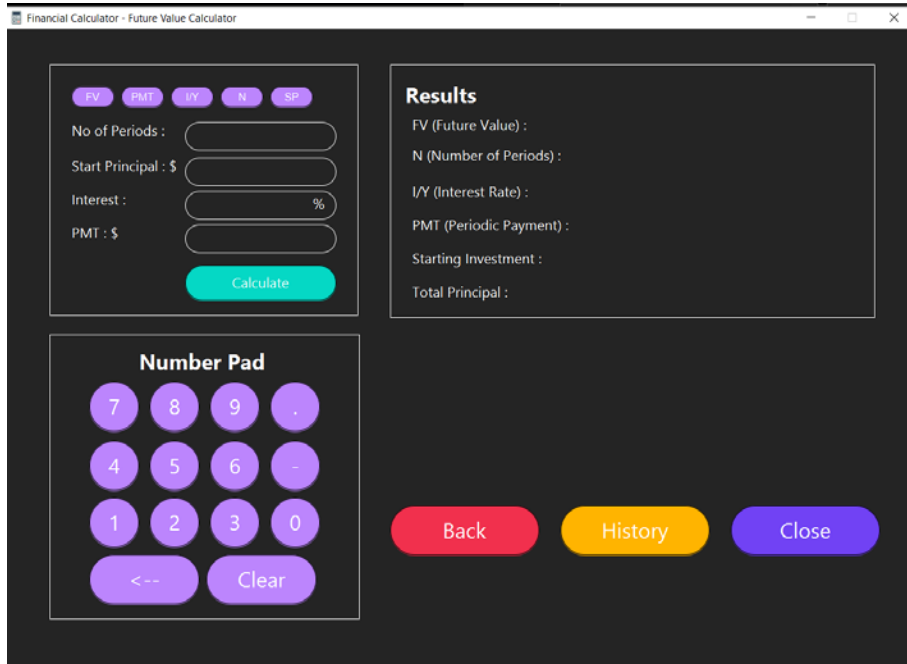
This is the first window of the financial calculator where the user can access for the calculators such as given in the window.



Compound Interest Calculator

Compound interest calculator helps the user to calculate the Future Value, No. of periods, Interest rate, the periodic payment, Starting Investment, and the total principal.

For that the user should input the data needed to calculate the above parameters.



The screenshot shows a web application titled "Financial Calculator - Future Value Calculator". The interface is divided into several sections:

- Input Section:** Located at the top left, it contains five tabs: "FV", "PMT", "I/Y", "N", and "SP". Below the tabs are four input fields: "No of Periods :", "Start Principal : \$", "Interest :", and "PMT : \$". Each field has a corresponding input box. A green "Calculate" button is positioned below the input fields.
- Results Section:** Located at the top right, it displays the calculated values for "FV (Future Value) :", "N (Number of Periods) :", "I/Y (Interest Rate) :", "PMT (Periodic Payment) :", "Starting Investment :", and "Total Principal :".
- Number Pad:** Located at the bottom left, it contains a grid of buttons for digits 0-9, a decimal point, a minus sign, and a "Clear" button.
- Navigation Buttons:** Located at the bottom right, there are three buttons: "Back" (red), "History" (yellow), and "Close" (blue).

By giving the needed data for the inputs, the user can gain the following results.

Finance Calculator - Future Value Calculator

FV

PMT

I/Y

N

SP

No of Periods :

10

Start Principal : \$

20000

Interest :

6

%

PMT : \$

1000

Calculate

Results

FV (Future Value) : \$48997.75

N (Number of Periods) : \$10.0

I/Y (Interest Rate) : 6.0%

PMT (Periodic Payment) : \$1000.0

Starting Investment : \$20000.0

Total Principal : \$30000.0

Number Pad

7

8

9

.

4

5

6

-

1

2

3

0

<--

Clear

Back

History

Close

In here, by inputting the required data that needed, the user can get the given results.

The screenshot shows the 'Finance Calculator - Annuity Payment' application. It features a dark-themed interface with a top navigation bar containing five tabs: FV, PMT, I/Y, N, and SP. The FV tab is currently selected. Below the tabs, there are five input fields: 'Future Value : \$', 'No of Periods : \$', 'Start Principal : \$', 'I/Y (Interest) :', and a percentage sign. A green 'Calculate' button is positioned below these fields. To the left of the 'Calculate' button is a 'Number Pad' with buttons for digits 1-9, 0, a decimal point, a minus sign, and a 'Clear' button. To the right of the input fields is a 'Results' section with the following labels: 'FV (Future Value) :', 'PV (Present Value) :', 'N (Number of Periods) :', 'I/Y (Interest Rate) :', 'PMT (Periodic Payment) :', 'Starting Investment :', 'Total Principal :', and 'Total Interest :'. At the bottom of the application, there are three buttons: 'Back' (red), 'History' (yellow), and 'Close' (blue).

The results can be seen as given below.

This screenshot shows the same application with numerical values entered into the input fields. The 'Future Value' is 1000000, 'No of Periods' is 10, 'Start Principal' is 20000, and 'I/Y (Interest)' is 6%. The 'Calculate' button has been pressed, and the results are displayed in the 'Results' section. The results are: FV (Future Value) : \$1000000.00, Present value : \$558394.78, N (Number of Periods) : \$10.0, I/Y (Interest Rate) : 6.0%, PMT (Periodic Payment) : \$73150.60, Starting Investment : \$20000.00, Total Principal : \$751505.99, and Total Interest : \$248494.01. The 'Number Pad' and navigation buttons remain the same as in the previous screenshot.

Input	Value
Future Value (\$)	1000000
No of Periods (\$)	10
Start Principal (\$)	20000
I/Y (Interest) (%)	6

Result	Value
FV (Future Value)	\$1000000.00
PV (Present Value)	\$558394.78
N (Number of Periods)	\$10.0
I/Y (Interest Rate)	6.0%
PMT (Periodic Payment)	\$73150.60
Starting Investment	\$20000.00
Total Principal	\$751505.99
Total Interest	\$248494.01

By using this the user will be able to calculate the start principal.

Finance Calculator - Start Principal

FV

PMT

I/Y

N

SP

Future Value : \$

No of Periods : \$

I/Y (Interest) : %

Start Principal : \$

Calculate

Number Pad

7

8

9

.

4

5

6

-

1

2

3

0

<--

Clear

Results

FV (Future Value) :

PV (Present Value) :

N (Number of Periods) :

I/Y (Interest Rate) :

PMT (Periodic Payment) :

Starting Investment :

Total Principal :

Total Interest :

Back

History

Close

Finance Calculator - Start Principal

FV

PMT

I/Y

N

SP

Future Value : \$

No of Periods : \$

I/Y (Interest) : %

Start Principal : \$

Calculate

Number Pad

7

8

9

.

4

5

6

-

1

2

3

0

<--

Clear

Results

FV (Future Value) : \$1000000.00

Present value : \$0.00

N (Number of Periods) : \$10.0

I/Y (Interest Rate) : 1000.0%

PMT (Periodic Payment) : \$-60.00

Starting Investment : \$6.00

Total Principal : \$-594.00

Total Interest : \$1000594.00

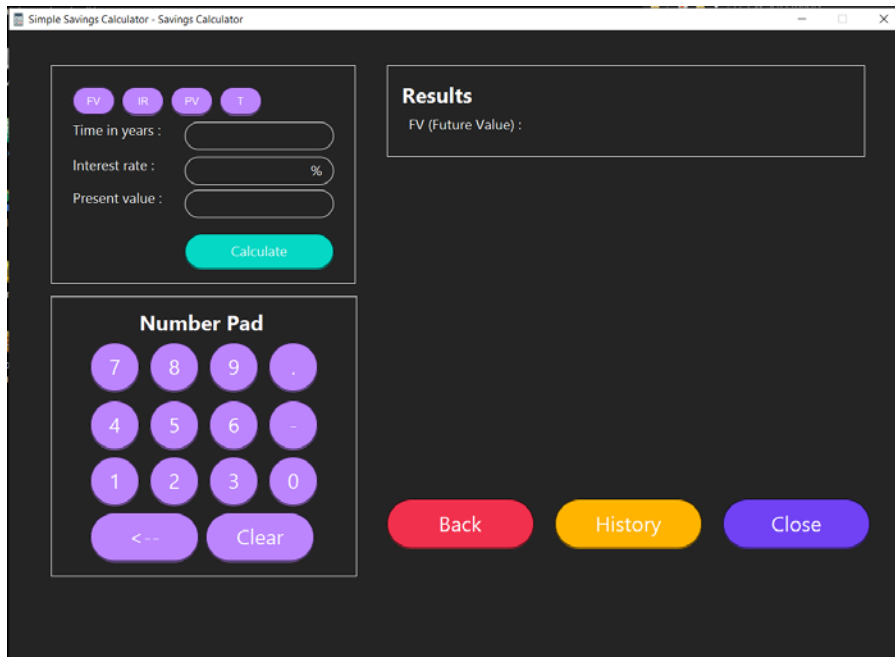
Back

History

Close

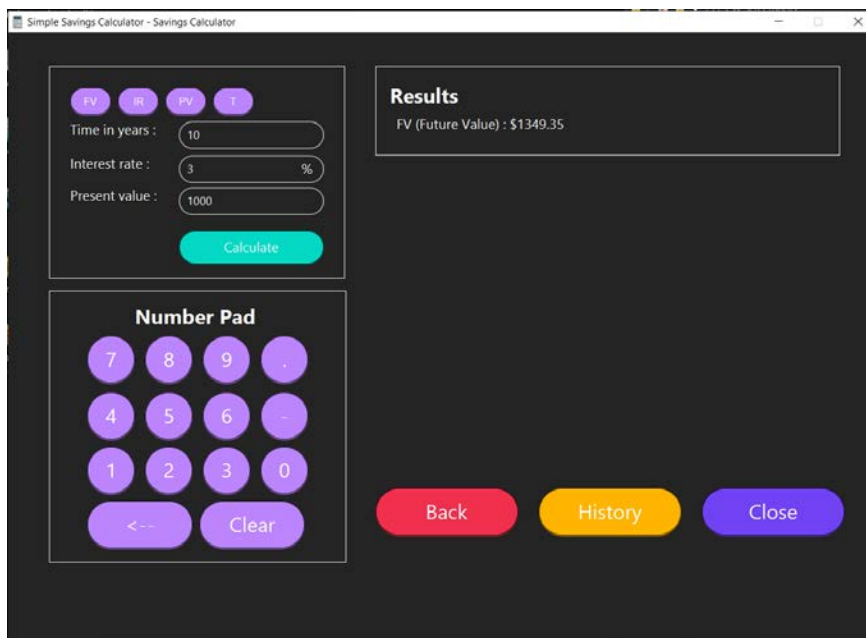
Savings Calculator

This calculator helps the user to calculate the total amount of money that will be saved within a given period of time with a constant interest rate.



A screenshot of a web application titled "Simple Savings Calculator - Savings Calculator". The interface is dark-themed. On the left, there are four tabs: "FV", "IR", "PV", and "T", with "FV" selected. Below the tabs are three input fields: "Time in years :", "Interest rate :", and "Present value :". Each field has a corresponding input box. To the right of the "Interest rate" input box is a "%" symbol. Below these fields is a green "Calculate" button. To the left of the "Calculate" button is a "Number Pad" section containing a grid of buttons for digits 0-9, a decimal point, and a "Clear" button. At the bottom of the interface are three buttons: "Back" (red), "History" (yellow), and "Close" (blue). On the right side, there is a "Results" section with the text "FV (Future Value) :".

As an example, for a 10 years of time period with an interest rate of 3% the person saves an amount of 1000. At the end of the given period the user will be able to gain 1349.35

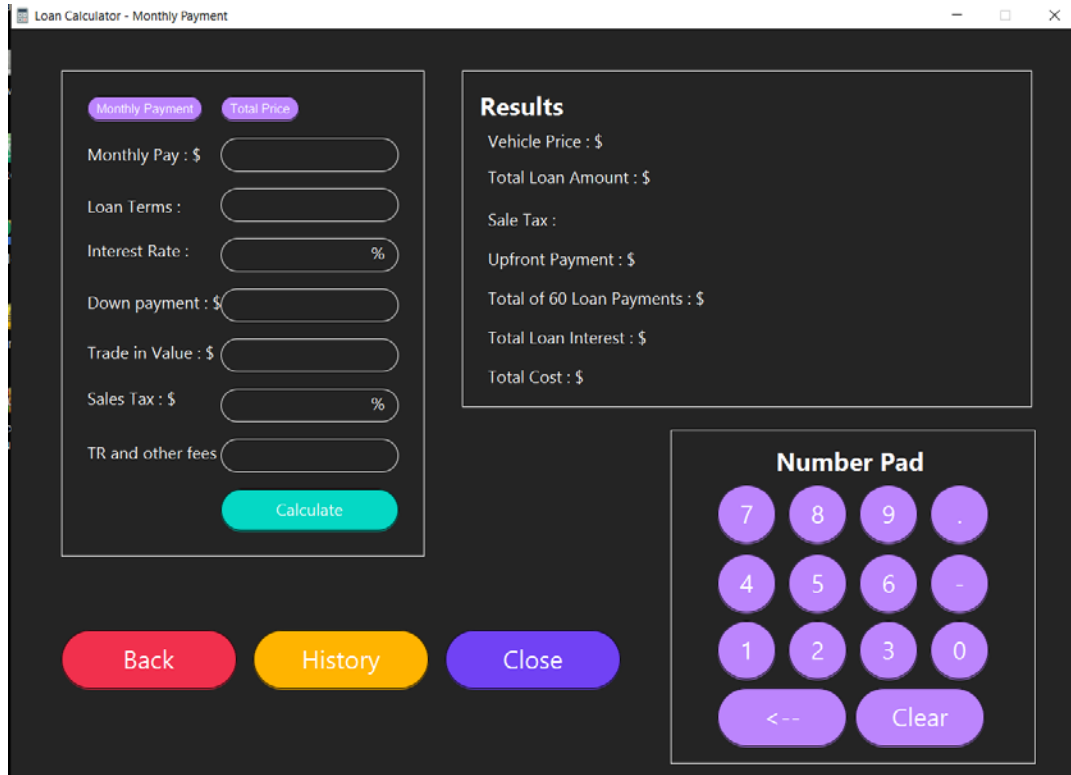


A screenshot of the same web application, but with the input fields filled with example values. The "Time in years :" field contains "10", the "Interest rate :" field contains "3", and the "Present value :" field contains "1000". The "Calculate" button is still green. The "Number Pad" section is still present. The "Results" section now displays "FV (Future Value) : \$1349.35". The "Back", "History", and "Close" buttons are still at the bottom.

Loan Calculator

The loan calculator helps the user to calculate the total loan amount when the user takes a loan.

The user have to input data as given below in order to calculate the results needed.



The image shows a web application titled "Loan Calculator - Monthly Payment". It features a dark-themed interface with a sidebar on the left containing a vertical list of icons. The main content area is divided into three sections: a form for inputting loan details, a results section, and a number pad.

Input Form:

- Two tabs: "Monthly Payment" (selected) and "Total Price".
- Fields for: Monthly Pay : \$, Loan Terms : , Interest Rate : %, Down payment : \$, Trade in Value : \$, Sales Tax : \$ %, and TR and other fees.
- A green "Calculate" button.

Results Section:

- Vehicle Price : \$
- Total Loan Amount : \$
- Sale Tax :
- Upfront Payment : \$
- Total of 60 Loan Payments : \$
- Total Loan Interest : \$
- Total Cost : \$

Number Pad:

- Buttons for digits 7, 8, 9, ., 4, 5, 6, -, 1, 2, 3, 0, <--, and Clear.

Navigation:

- Buttons for "Back", "History", and "Close" at the bottom.

Loan Calculator - Total Price

Monthly Payment

Total Price

Auto Price : \$

25000

Loan Terms :

60

Interest Rate :

4.5

%

Down payment : \$

5000

Trade in Value : \$

0

Sales Tax : \$

7

%

TR and other fees

300

Calculate

Results

Monthly Pay : \$372.86

Total Loan Amount : \$20000.00

Sale Tax : \$1750.00

Upfront Payment : \$7050.00

Total of 60 Loan Payments : \$22371.62

Total Loan Interest : \$2371.62

Total Cost : \$29421.62

Number Pad

789.

456-

1230

<--Clear

Back

History

Close

Given above is an example where the user has input data to gain the results as given in the output.

Note: By using this guide the user will be able to get accurate results for the calculations they need.