

PROG6221POE

ST10085288

BCA2

PROG6221

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I hereby declare that I did not plagiarise the content of this assignment and that this is my own work.

Assignment submitted via SafeAssign or Turnitin: ☒ (Tick the Box)

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1 USER MANUAL

First you need to enter you monthly income

Total monthly income:

After which you can select to enter any combination of expenses categories. Meaning you don't have to select all categories but only some. When choosing an accommodation option, you can only choose renting or home loan and not both.

COMMON EXPENSES	<input checked="" type="checkbox"/> Check to enter common expenses
Tax deduction:	<input type="text" value="10000"/>
Groceries:	<input type="text" value="10000"/>
Water & lights:	<input type="text" value="10000"/>
Travel costs(petrol included):	<input type="text" value="10000"/>
Cell phone/telephone:	<input type="text" value="10000"/>
Other:	<input type="text" value="10000"/>
VEHICLE EXPENSES	<input checked="" type="checkbox"/> Check to enter vehicle details:
Model:	<input type="text" value="polo"/>
Make:	<input type="text" value="Volkswagen"/>
Purchase price:	<input type="text" value="250000"/>
Total Deposit:	<input type="text" value="2500"/>
Interest Rate(%):	<input type="text" value="10,1"/>
Estimated insurance premium:	<input type="text" value="1000"/>

ACCOMODATION OPTIONS	
<input type="radio"/> Check to enter renting details	<input checked="" type="radio"/> Check to enter home loan details
RENTING EXPENSES	HOME LOAN EXPENSES
Renting: <input type="text" value="1000"/>	Purchase Price: <input type="text" value="2500000"/>
	Total deposit: <input type="text" value="25000"/>
	Interest rate(%): <input type="text" value="11,7"/>
	Number of months to repay(240-360): <input type="text" value="240"/>

After entering all your desired data. Click on the calculate button to receive your desired information in the list box. The clear button can be used to clear the list box. Information will be displayed as follow:

Calculate

Clear

```
=====
NOTE:
Home loan is approved
=====
TOTAL MONTHLY INCOME: R1000000
TOTAL EXPENSES: R101651,87
TOTAL REMAINING MONEY: R898348,13
=====
EXPENSES IN DESCENDING ORDER
=====
Home Loan: R34443,75
Other: R10000
Cellphone/telephone: R10000
Travel Costs(petrol included): R10000
Water & lights: R10000
Groceries: R10000
Tax: R10000
Vehicle: Volkswagen polo: R7208,12
=====
```

An additional option is the see how much you need to save up to reach a certain goal.

Check the box and enter the data after which you press the calculate monthly saving button the receive the information.

SAVING DETAILS

☒ Check to enter saving details:

Amount:

100000

Time period(months):

60

Interest rate(%):

10,7

Calculate monthly saving

You need to save R1267,64 per month to reach your goal

Possible error messages:



NOTE: PLEASE MAKE SURE INCOME TEXTBOX HAS AN ENTERED VALUE OR ELSE PROGRAM WILL NOT FUNCTION AS INTENDED

OK

This error message and other similar error messages for the common, vehicle, accommodation and saving details will appear when a textbox in their respective category has no entered data. To solve: click OK and enter data in the empty textbox



NOTE: Number of months must be between 240 and 360.Home loan will not be caldated until number of months has been entered correctly

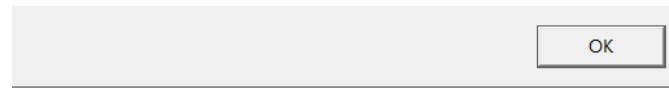
OK

This error message will appear when your number of months for you home loan isn't between 240 and 360. To solve: click OK and enter the correct data in the textbox

Other messages:



NOTE: TOTAL MONTHLY EXPENSES EXCEED 75% OF YOUR TOTAL MONTHLY INCOME



Will appear when you monthly expenses are more than 75% of your monthly income

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NOTE:

Home loan is approved

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Will appear when your home loan is less than a third of your income

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NOTE:

Home loan is not approved due to insufficient monthly income.

Monthly home loan payment is more than a third of your monthly income

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Will appear when your home loan is more than a third of your income