

REPEATING DECIMALS

Under the guidance of:

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Assistant Professor

By:

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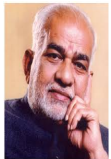
Rakshitha, 21WH1A1257

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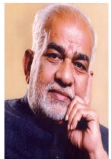
Meghana, 21WH1A1260

AGENDA



- Problem Statement
- Modules and packages
- Contribution of team
- Execution of final code
- References

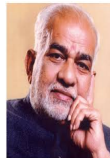
PROBLEM STATEMENT



Repeating decimals

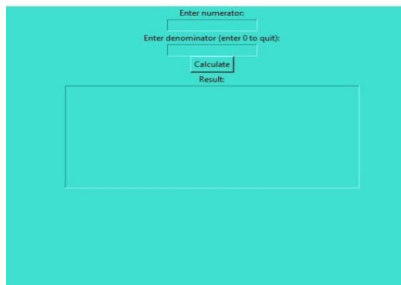
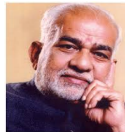
- The program must read two positive integers x and y .
- The decimal equivalent of x/y may have a repeating decimal format with a repeating subsequence denoted by r 's.
- If the repeating subsequence has more than 100 digits to the right of the decimal point, the program should print a line indicating the difficulty.
- If the decimal equivalent is exact and finite, it should be printed without a repeating group or trailing zeroes to the right of the decimal point.

MODULES

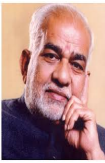


Module Number	Module Name
1	Tkinter

Execution Of Final CODE



Execution Of Final CODE



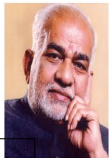
Enter numerator:

Enter denominator (enter 0 to quit):

Result:

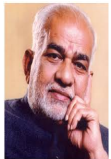
```
1      -----  
- = 0.003968253968253968  
252  
252  
--- = 252.0  
1
```

Contribution of Team



Roll Number	Contribution
21WH1A1256	GUI code writing ,window creation analysis(buttons,labels,text widgets)
21WH1A1257	Main window creation, Code analysis (labels)
21WH1A1258	Basic code writing and code implementation
21WH1A1259	Basic code writing and code implementation.
21WH1A1260	window code analysis and GUI code implementation

REFERENCES



- <https://www.geeksforgeeks.org/find-recurring-sequence-fraction/>
- <https://py.checkio.org/en/mission/repeating-decimals/share/81fb001e94bac4681ff578dde2bef157/>
- <https://docs.python.org/3/tutorial/floatingpoint.html>

THANK YOU