

RPPPOOP Project

CODE COMMENTS FETCHER

LANGUAGE USED

- **Python**

Requirements:-

1. Tkinter library
 2. From tkinter messagebox module
 3. Re library
 4. User defined functions
 5. If-else ladder
-

OBJECTIVE

- It helps us to easily fetch all the comments in code snippets of supported languages.
- Comments are added with the purpose of making the source code easier for users to understand and are generally ignored by compilers and interpreters.

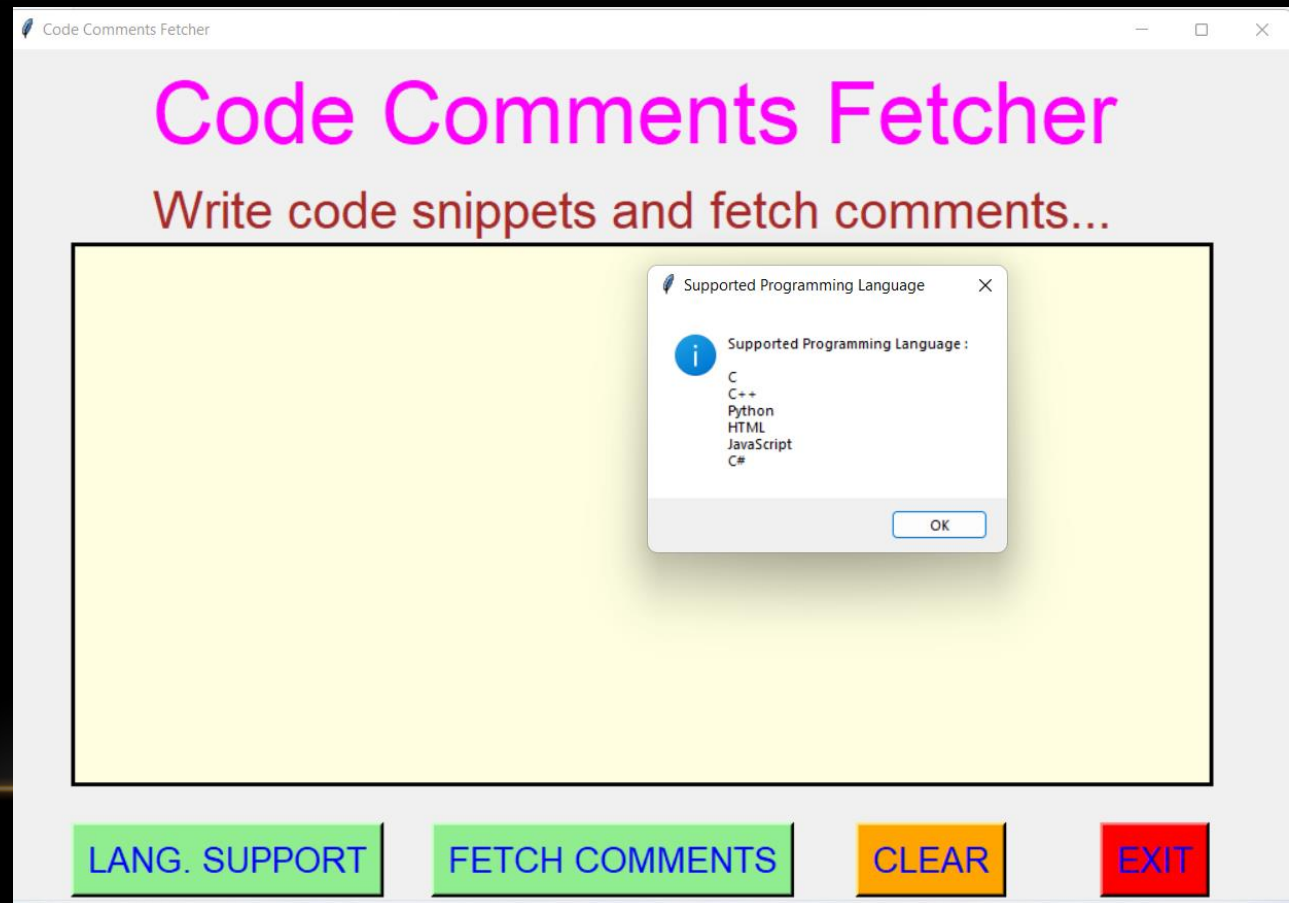
DESCRIPTION

- A "Code Comments Fetcher" is an application created in python with tkinter GUI.
- In this application, user will be allowed to first enter the code snippets of the supported programming language.
- After entering the code snippets, user will be able to fetch all the comments present in that code snippets.
- This will also fetch both single and multiple line comments.
- And for implementing this, I've used the re library of python.

SUPPORTED PROGRAMMING LANGUAGE

- This program fetches comments for languages which are as follows:

1. C
2. C++
3. Python
4. HTML
5. Javascript
6. C#



HOW IT WORKS

- On the main window of the application the user will be allowed to first enter the code snippets of the supported programming language.
- After entering the text, when user clicks on the FETCH COMMENTS button, user will be able to fetch all the comments present in that code snippets.
- Also there is a button LANG. SUPPORT, clicking on which user will be able to see the language supported by this application.
- Also there is a clear button, clicking on which user can clear the text or paragraph entered in the given text area.
- Also there is an exit button, clicking on which exit dialog box appears asking for the permission of the user for closing the window.

OUTPUT SCREEN

Code Comments Fetcher

Write code snippets and fetch comments...

LANG. SUPPORT

FETCH COMMENTS

CLEAR

EXIT

DEMO

Code Comments Fetcher

Code Comments Fetcher

Write code snippets and fetch comments...

```
//This is C program.
#include<stdio.h>
#include<stdlib.h>
void main()
{
    //This is main function.
    int i;
    i=8;
    //Value of i is 8.
    printf("%d",i);
    //Prints value of i.
}
//End of a program.
```

Comments Fetch

Language : C

Comments :

- //This is C program.
- //This is main function.
- //Value of i is 8.
- //Prints value of i.
- //End of a program.

OK

LANG. SUPPORT FETCH COMMENTS CLEAR EXIT

Code Comments Fetcher

Code Comments Fetcher

Write code snippets and fetch comments...

```
#include<iostream.h>
using namespace std;
void main()
{
    //This is main function

    char x="CPP";
    cout<<"Hello World!!!<<endl;
    cout<<"String x="<<x<<endl;

    /*
    CPP is object oriented programming language.
    */
}
```

Comments Fetch

Language : C++

Comments :

- //This is main function
- /*
- CPP is object oriented programming language.*/

OK

LANG. SUPPORT FETCH COMMENTS CLEAR EXIT

Code Comments Fetcher

Code Comments Fetcher

Write code snippets and fetch comments...

```
"""This is python program
To add two numbers """

# Input from user
num1 = input('Enter first number: ')
num2 = input('Enter second number: ')

# Add two numbers
sum = num1 + num2

# Display the sum
print('The sum of {0} and {1} is {2}'.format(num1, num2, sum))
```

Comments Fetch

Language : Python

Comments :

- """This is python program
- To add two numbers """
- # Input from user
- # Add two numbers
- # Display the sum

OK

LANG. SUPPORT FETCH COMMENTS CLEAR EXIT

Code Comments Fetcher

Code Comments Fetcher

Write code snippets and fetch comments...

```
<html>
<!--html tags-->
<head>
<!--Title of the program.-->
<title>HTML Program</title>
</head>
<body>
<!--Body of the program.-->
</body>
</html>
```

Comments Fetch

Language : HTML

Comments :

- <!--html tags-->
- <!--Title of the program.-->
- <!--Body of the program.-->

OK

LANG. SUPPORT FETCH COMMENTS CLEAR EXIT

Code Comments Fetcher

Code Comments Fetcher

Write code snippets and fetch comments...

```
<!--Javascript code can be embedded inside the head or body section-->
<script>
  console.log("This is Javascript Program.");
  <!--console print in Javascript-->
</script>
```

Comments Fetch

Language : JavaScript

Comments :

<!--Javascript code can be embedded inside the head or body section-->

<!--console print in Javascript-->

OK

LANG. SUPPORT

FETCH COMMENTS

CLEAR

EXIT

Code Comments Fetcher

Code Comments Fetcher

Write code snippets and fetch comments...

```
// C# Program
using System;

namespace message
{
  class Program
  {
    static void Main(string[] args)
    {
      string message = "Hello World!!";
      Console.WriteLine(message);

      /* This is a function
      used to print the message
      */
    }
  }
}
```

Comments Fetch

Language : C#

Comments :

// C# Program

/* This is a function used to print the message*/

OK

LANG. SUPPORT

FETCH COMMENTS

CLEAR

EXIT

THANK YOU!!!