





☆ Building a Smart IDE: Identifying comments



Your task is to write a program which

- accepts as input a C, C++ or Java program on multiple lines of text, and
- outputs only the comments from those programs.



1

Comments in C, C++ and Java programs

// this is a single line comment

1. Single Line Comments

3

4

```
int x = 1; // a single line comment after code
```

5

2. Multi Line Comments

```
/* This is one way of writing comments */

/* This is a multi-line comment.
   It spans several lines.
   This is often more convenient for the programmer. */

/*
   * This is also a multi-line comment.
   */
```

Precautions

- Do not add any leading or trailing spaces.
- Do not alter the line break structure of multi-line comments (e.g by collapsing multiple lines into one.)

You should, however, remove any white-space characters that precede a comment.

Input Format

Each test case will be the source code of a program written in C, C++ or Java.

Constraints

• The source code will have no more than 200 lines of text.

Output Format

From the program given to you, remove everything other than the comments.



O1m: 18s to test end

```
raulus as input irom the user*/
=
          #include <stdio.h>
          int main()
8
             double radius, area; //variables for storing radius and area
             printf("Enter the radius of the circle whose area is to be
          calculated\n"):
1
             scanf("%lf",&radius);//entering the value for radius of the
          circle as float data type
             area=(22.0/7.0)*pow(radius,2);//Mathematical function pow is
          used to calculate square of radius
             printf("The area of the circle is %lf", area);//displaying the
3
          results
          /*A test run for the program was carried out and following output
4
          was observed
          If 50 is the radius of the circle whose area is to be calculated
          The area of the circle is 7857.1429*/
5
```

Sample Output

/*This is a program to calculate area of a circle after getting the radius as input from the user*/
//variables for storing radius and area
//entering the value for radius of the circle as float data type
//Mathematical function pow is used to calculate square of radius
//displaying the results
/*A test run for the program was carried out and following output
was observed
If 50 is the radius of the circle whose area is to be calculated
The area of the circle is 7857.1429*/

YOUR ANSWER

We recommend you take a quick tour of our editor before you proceed.

The timer will pause up to 90 seconds for the tour.

Start tour

For help on how to read input and write output in 'Python 2', click here.

**

Draft saved 09:39 am Original code Python 2 Python



O1m: 18s to test end

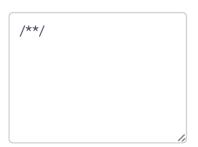
```
\equiv
                 while i < len(s) - 1:
         6 T
         7 🔻
                     if s[i] == '/':
8
                          if s[i+1] == '*':
         8 🔻
         9
                              preIdx = i
        10
                              i += 2
                              while i < len(s) - 1:
        11 ▼
1
                                   if s[i] == '*' and s[i+1] == '/':
        12 ▼
                                       i += 2
        13
        14
                                       print s[preIdx:i]
        15
                                       break
3
        16
                                   else:
        17
                                       i += 1
                          elif s[i+1] == '/':
        18 ~
4
        19
                              preIdx = i
        20
                              i = preIdx + 2 + s[preIdx + 2:].find("\n")
5
        21 🕶
                              if i > 0:
        22
                                   print s[preIdx:i]
        23
                                   i += 1
        24
                              else:
        25
                                   break
        26
                          else:
        27
                               i += 2
        28
                     else:
        29
                          i += 1
             s = ''
        30
        31 ▼ while True:
        32
                 try:
                      s += raw input() + "\n"
        33
                 except EOFError:
        34 ▼
        35
                     solve(s)
        36
                     break
        37
                                                              Line: 35 Col: 17
```

Run Code

Submit code & Continue

(You can submit any number of times)

Test against custom input





O1m: 18s to test end

Testcase 1: Input /**/	
/**/	
Your Output	
/**/	
Expected Output	
/**/	

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