CHANDIGARH UNIVERSITY

Code Chronicles

Sep 10, 2018, 06:00 PM IST - Sep 13, 2018, 12:00 AM IST

INSTRUCTIONS   PROBLEMS   SUBMISSIONS   JUDGE

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Harry's File

Max. Marks: 25

> The challenge is over and this problem has been moved to practice area. You can either submit your solution here or
> Go to Practice Area. Also further submissions won't affect the leaderboard.

PROBLEM   EDITORIAL   MY SUBMISSIONS

Harry Potter got a challenge to unlock the path and tell its filename and extension.

He uses **"Alohomora"** to unlock the file path and break the code just like Hermione used to unlock the door.

Help him to unlock the path and extract the file path, file name and its extension as shown below:

Input:

First line of input contains path of string type.

Output:

First line displays path ,second line displays file name,Third line displays extension

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SAMPLE INPUT   🔗 📋

```
C:\Users\admin\Pictures\flower.jpg
```

SAMPLE OUTPUT   🔗 📋

```
Path: C:\Users\admin\Pictures\
File name: flower
Extension: jpg
```

Explanation

The input String can be divided into three parts, the path, file name and extension. These three parts are separated by a backslash character and a dot as shown in the figure below.

Time Limit:	5.0 sec(s) for each input file.
Memory Limit:	256 MB
Source Limit:	1024 KB