8.2 Problem Solving - Assessment

Teacher Help (teacher use)

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| --- | --- | --- | --- | --- |
| 5. Constant Help | 4 | 3 | 2 | 1. Independent
 |
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**Task**

Access [WWW.Computingsouthshields.com](http://WWW.Computingsouthshields.com) and click on the 8.2 problem solving section of the site.

Scroll down to section 8 and open the presentation.

Read the 3 challenges on slide 6,7 and 8 and decide which one you will attempt to complete.

![C:\Users\PThornton\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\85MJN7ZF\Chilli_pepper_4.svg[1].png]()![C:\Users\PThornton\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\85MJN7ZF\Chilli_pepper_4.svg[1].png]()![C:\Users\PThornton\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\85MJN7ZF\Chilli_pepper_4.svg[1].png]()![C:\Users\PThornton\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\85MJN7ZF\Chilli_pepper_4.svg[1].png]()![C:\Users\PThornton\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\85MJN7ZF\Chilli_pepper_4.svg[1].png]()![C:\Users\PThornton\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\85MJN7ZF\Chilli_pepper_4.svg[1].png]()Which Chilli did you choose to attempt?

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**Decomposition**

Below I have broken the problem down into smaller steps:

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**Abstraction**

Read the list of smaller steps in decomposition task you have just completed. List below any parts of the steps that are not required:

1.

2.

3.

**Pattern recognition**

Look at previous code you have produced using Python. Which ones can you use and change to help you to complete this challenge?

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**Flowchart (Copy and Paste algorithm from Inspiration8)**

**Development**