Symbol Puzzle

**Code Analysis Pack**

A black background with white letters

Description automatically generated

Contents:

# Preliminary Material Analysis

1. How big is the standard Grid?
2. How big is the grin in a saved puzzle file?
3. What character is used for a blocked cell?
4. What are the 3 letters symbols currently used in the puzzle?
5. Howmany points do you get for completing a symbol pattern?
6. What is the maximum number of symbol patterns auser can place in the standard grid?

# Code Analysis

## **Puzzle Class**

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| Brief description: |

### List all the **properties** the Data type and the purpose

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| **Property ID** | **Data Type** | **Purpose** |
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### List all the **Method** the Data type and the purpose. Make sure you state if a value is returned

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| --- | --- |
| **Method ID** | **Purpose** |
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### Specific questions:

1) the constructo has this syntax ***def \_\_init\_\_(self, \*args):***  what does \*args mean?

### Pattern Class

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| Brief description: |

### List all the **properties** the Data type and the purpose

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| --- | --- | --- |
| **Property ID** | **Data Type** | **Purpose** |
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| --- | --- |
| **Method ID** | **Purpose** |
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### Specific questions:

### Cell Class

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| Brief description: |

### List all the **properties** the Data type and the purpose

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| **Property ID** | **Data Type** | **Purpose** |
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### List all the **Method** the Data type and the purpose. Make sure you state if a value is returned

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| **Method ID** | **Purpose** |
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### Specific questions:

### Blocked Cell Class

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| Brief description: |

### List all the **properties** the Data type and the purpose

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| **Property ID** | **Data Type** | **Purpose** |
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### List all the **Method** the Data type and the purpose. Make sure you state if a value is returned

|  |  |
| --- | --- |
| **Method ID** | **Purpose** |
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### Specific questions:

### User Inputs

There are 5 places the user can input data into the program whilst running. List each one and provide the following information:

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| --- | --- |
| Line of code: |  |
| Name of containing Function |  |
| Purpose: |  |
| Overview of validation Or State NONE |  |

|  |  |
| --- | --- |
| Line of code: |  |
| Name of containing Function |  |
| Purpose: |  |
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|  |  |
| --- | --- |
| Line of code: |  |
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|  |  |
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| Line of code: |  |
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