MAGIC SQUARE

Siamese Method

1. Start with an empty 3 x 3 grid

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |

1. Place the nmbr 1 in the top row and the middle column (row1, column2)

|  |  |  |
| --- | --- | --- |
|  | 1 |  |
|  |  |  |
|  |  |  |

1. Increment the nmbr by 1and now diagonally up and to

|  |  |  |
| --- | --- | --- |
|  | 1 |  |
|  |  |  |
|  |  | 2 |

1. Continue incrementing and moving diagonally. In this case, wrap around to the bottom -left corner and place the number 3:

|  |  |  |
| --- | --- | --- |
|  | 1 |  |
| 3 |  |  |
|  |  | 2 |

1. Keep incrementing and moving diagonally. In this case, wrap around to the bottom-left corner and place the number 4

|  |  |  |
| --- | --- | --- |
|  | 1 |  |
| 3 |  |  |
| 4 |  | 2 |

1. Place the nmbr 5 , Continue incrementing and moving diagonally , wrapping around the top-right corner

|  |  |  |
| --- | --- | --- |
|  | 1 |  |
| 3 | 5 |  |
| 4 |  | 2 |

1. Place the nmbr 6, Continue incrementing and moving diagonally , wrapping around the bottom-left corner

|  |  |  |
| --- | --- | --- |
|  | 1 | 6 |
| 3 | 5 |  |
| 4 |  | 2 |

1. Place the nmbr 7, Continue incrementing and moving diagonally , wrapping around the the top-right corner

|  |  |  |
| --- | --- | --- |
|  | 1 | 6 |
| 3 | 5 | 7 |
| 4 |  | 2 |

1. Place the nmbr 8, Continue incrementing and moving diagonally , wrapping around the the top-right corner and remaing 9 place in the bottom middle.

|  |  |  |
| --- | --- | --- |
| 8 | 1 | 6 |
| 3 | 5 | 7 |
| 4 | 9 | 2 |