|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | x2,y2 |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| x1,y1+1 |  |  |  |  | X2,y1+1 |  |
|  |  |  |  |  |  |  |
| x1,y1 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Diagram-1 |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | x2,y2 |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| x1,y1+1 |  |  |  |  | X2,y1+1 |  |
|  |  |  |  |  |  |  |
| x1,y1 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Diagram-2 |  |  |  |  |  |

Diagram-1,2 shows the creation of ‘Z’ shaped path. Diagram-2,3,4 are 3 different ‘Z’ shaped path. Diagram- 5,6 shows the creation of ‘L’ shaped path. Diagram-7 shows the creation of ‘I’ shaped path.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | x2,y2 |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| x1,y1+2 |  |  |  |  | X2,y1+2 |  |
|  |  |  |  |  |  |  |
| x1,y1 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Diagram-3 |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | x2,y2 |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| x1,y1+3 |  |  |  |  | X2,y1+3 |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  | x1,y1 |
| x1,y1 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Diagram-4 |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | x2,y2 |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| x1,y1 |  |  |  |  | X2,y1 |  |
|  |  |  |  |  |  |  |
|  | Diagram-5 |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | x2,y2 |  |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  | X2,y1 |  |
|  |  |  |  |  |  |  |
|  | Diagram-6 |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | x2,y2 |  |  |  |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
| x1,y1 |  |  |  |  |  |  |
|  | Diagram-7 |  |  |  |  |  |