|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 10 | 5 | 20 | 6 | 4 | 50 | 15 |

Compare if it’s lesser then shift into sorted part

Unsorted Part

Initially This is Sorted Part

1st Iteration

Compares with all sorted value, if it’s lesser then any value then that value will shift into sorted part at right place

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 5 | 10 | 20 | 6 | 4 | 50 | 15 |

Unsorted Part

Sorted Part

2nd Iteration

Compares with all sorted value, if it’s lesser then any value then that value will shift into sorted part at right place

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 5 | 10 | 20 | 6 | 4 | 50 | 15 |

Unsorted Part

Sorted Part

3rd Iteration

Compares with all sorted value, if it’s lesser then any value then that value will shift into sorted part at right place

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 5 | 6 | 10 | 20 | 4 | 50 | 15 |

Sorted Part

Unsorted Part

4th Iteration

Compares with all sorted value, if it’s lesser then any value then that value will shift into sorted part at right place

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 4 | 5 | 6 | 10 | 20 | 50 | 15 |

Unsorted Part

Sorted Part

5th Iteration

Compares with all sorted value, if it’s lesser then any value then that value will shift into sorted part at right place

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 4 | 5 | 6 | 10 | 20 | 50 | 15 |

Unsorted Part

Sorted Part

6th Iteration

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 4 | 5 | 6 | 10 | 15 | 20 | 50 |

Sorted Part