**MERGE SORT PROJESİ**

Proje 2

(16,21,11,8,12,22)

Yukarıdaki dizinin sort türüne göre aşamalarını yazınız.

Big-O gösterimini yazınız.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 16 | 21 | 11 | 8 | 12 | 22 |

|  |  |  |
| --- | --- | --- |
| 16 | 21 | 11 |

|  |  |  |
| --- | --- | --- |
| 8 | 12 | 22 |

|  |  |
| --- | --- |
| 16 | 21 |

|  |  |
| --- | --- |
| 8 | 12 |

|  |
| --- |
| 22 |

|  |  |
| --- | --- |
| 16 | 21 |

|  |
| --- |
| 11 |

|  |  |  |
| --- | --- | --- |
| 11 | 16 | 21 |

|  |  |  |
| --- | --- | --- |
| 8 | 12 | 22 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 8 | 11 | 12 | 16 | 21 | 22 |

Big O gösterimi: O(nlogn)