**LAPORAN ACTIVITY**

Mata Praktikum : Perancangan Analisis Algoritma

Kelas : 3IA24

Praktikum ke- : 2

Tanggal : 27 Oktober 2023

Materi : Algoritma Divide & Conquer

NPM : 50421704

Nama : Juan Samuel Christopher

Ketua Asisten : Sherina Permata

Nama Asisten :

Paraf Asisten :

Jumlah Lembar : 2



**LABORATORIUM TEKNIK INFORMATIKA**

**UNIVERSITAS GUNADARMA**

**2023**

**SOAL**

Carilah hasil **Divide**, **Conquer**, dan **Solve** serta **Merge Sort** dari soal berikut :

5, 6, 8, 12, 10, 11, 14, 3, 4

Jawab :

*DIVIDE & CONQUER & SOLVE:*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | 6 | 8 | 12 | 10 | 11 | 14 | 3 | 4 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | 6 | 8 | 12 |  | 10 | 11 | 14 | 3 | 4 |

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| 5 | 6 |  | 8 | 12 |  | 10 | 11 |  | 14 |  | 3 | 4 |

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| 5 |  | 6 |  | 8 |  | 12 |  | 10 |  | 11 |  | 14 |  | 3 |  | 4 |

*MERGE :*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | 6 |  | 8 | 12 |  | 10 | 11 |  | 14 |  | 3 | 4 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | 6 | 8 | 12 |  | 10 | 11 |  | 3 | 4 | 14 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | 6 | 8 | 12 |  | 3 | 4 | 10 | 11 | 14 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 4 | 5 | 6 | 8 | 10 | 11 | 12 | 14 |