**Hermawan Prasetyo**

**171-111-088**

1. Jumlah subnet ada 6

2.

|  |  |  |  |
| --- | --- | --- | --- |
| Subnet | Network Address | Host Range | Broadcast Address |
| A | 153.222.72.0 | 153.222.72.1 - 153.222.73.254 | 153.222.73.255 |
| B | 153.222.74.0 | 153.222.74.1 - 153.222.75.254 | 153.222.75.255 |
| C | 153.222.76.0 | 153.222.76.1 - 153.222.76.254 | 153.222.76.255 |
| D | 153.222.77.0 | 153.222.77.1 - 153.222.77.126 | 153.222.77.127 |
| E | 153.222.77.128 | 153.222.77.129 - 153.222.77.130 | 153.222.77.131 |
| F | 153.222.77.132 | 153.222.77.133 - 153.222.77.134 | 153.222.77.135 |

|  |  |
| --- | --- |
| PC 0 | 153.222.77.2 |
| PC 1 | 153.222.77.3 |
| PC 2 | 153.222.76.2 |
| PC 3 | 153.222.76.3 |
| PC 4 | 153.222.72.2 |
| PC 5 | 153.222.72.3 |

3.

IP Address PC

|  |  |
| --- | --- |
| DNS Server | 153.222.74.2 |
| Web Server 1 | 153.222.74.3 |
| Web Server 2 | 153.222.74.4 |

IP Address Server

|  |  |
| --- | --- |
| Router 0 | 153.222.77.1 |
| Router 1 | 153.222.74.1 |
| Router 2 | 153.222.72.1 |

IP Address Router