

Program QM

Input Data

| Objective | | Starting method | | | | |
|---|--|-------------------------|--|--|--|--|
| <input type="radio"/> Maximize <input checked="" type="radio"/> Minimize | | Northwest Corner Method | | | | |

| UAS Riset Operasi | | | | | | |
|-------------------|-----------|-----------|-----------|-----------|-----------|--------|
| | Wilayah 1 | Wilayah 2 | Wilayah 3 | Wilayah 4 | Wilayah 5 | SUPPLY |
| Gudang 1 | 71.25 | 75 | 80 | 110.25 | 102.675 | 265045 |
| Gudang 2 | 73 | 77.5 | 76.15 | 117.15 | 81.765 | 257500 |
| Gudang 3 | 70.5 | 78.25 | 82.75 | 105.25 | 88.85 | 230000 |
| Gudang 4 | 80 | 85.75 | 76.75 | 71.05 | 71.75 | 201000 |
| Gudang 5 | 101.75 | 90.25 | 80.75 | 71.85 | 70.25 | 218000 |
| DEMAND | 280425 | 246160 | 234635 | 198080 | 212245 | |

Penyelesaian Menggunakan Metode NWC

| Objective | | Starting method | | | | |
|---|--|-------------------------|--|--|--|--|
| <input type="radio"/> Maximize <input checked="" type="radio"/> Minimize | | Northwest Corner Method | | | | |

| Transportation Results | | | | | | |
|-----------------------------|-----------|-----------|-----------|-----------|----------|--|
| UAS Riset Operasi Solution | | | | | | |
| solution value = \$87440020 | Wilayah 1 | Wilayah 2 | Wilayah 3 | Wilayah 4 | | |
| Gudang 1 | 265045 | (-75) | (-25) | (35.7) | (29.725) | |
| Gudang 2 | 15380 | 242120 | (-5.85) | (40.85) | (7.065) | |
| Gudang 3 | (-3.25) | 4040 | 225960 | (28.2) | (13.4) | |
| Gudang 4 | (12.25) | (13.5) | 8675 | 192325 | (2.3) | |
| Gudang 5 | (33.2) | (17.2) | (3.2) | 5755 | 212245 | |

Penyelesaian Menggunakan Metode MODI (dengan awalan NWC)

| Objective | | Starting method | | | | |
|---|--|-------------------------|--|--|--|--|
| <input type="radio"/> Maximize <input checked="" type="radio"/> Minimize | | Northwest Corner Method | | | | |

| Transportation Results | | | | | | |
|-----------------------------|-----------|-----------|-----------|-----------|----------|--|
| UAS Riset Operasi Solution | | | | | | |
| solution value = \$85186040 | Wilayah 1 | Wilayah 2 | Wilayah 3 | Wilayah 4 | | |
| Gudang 1 | 18885 | 246160 | (5.6) | (41.55) | (35.675) | |
| Gudang 2 | 31540 | (75) | 225960 | (46.7) | (12.915) | |
| Gudang 3 | 230000 | (4) | (9.1) | (37.3) | (22.5) | |
| Gudang 4 | (6.4) | (8.4) | 8675 | 192325 | (2.3) | |
| Gudang 5 | (27.35) | (12.1) | (3.2) | 5755 | 212245 | |