**Latihan 1**

1. **4 dan 6**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perintah | A | B | C | D | Output |
| Read (A, B) | 4 | 6 |  |  |  |
| If A > B then  C ← A \* B  Else  C ← A + B |  |  | 10 |  |  |
| D ← C \* C |  |  |  | 100 |  |
| Write (C, D) |  |  |  |  | 10, 100 |

1. **3 dan 5**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perintah | A | B | C | D | Output |
| Read (A, B) | 3 | 5 |  |  |  |
| If A > B then  C ← A \* B  Else  C ← A + B |  |  | 8 |  |  |
| D ← C \* C |  |  |  | 64 |  |
| Write (C, D) |  |  |  |  | 8, 64 |

1. **9 dan 6**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perintah | A | B | C | D | Output |
| Read (A, B) | 9 | 6 |  |  |  |
| If A > B then  C ← A \* B  Else  C ← A + B |  |  | 54 |  |  |
| D ← C \* C |  |  |  | 2916 |  |
| Write (C, D) |  |  |  |  | 5, 2916 |

**Latihan 2**

1. **2 dan 4**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perintah | A | B | C | D | Output |
| Read (A, B) | 2 | 4 |  |  |  |
| If A + B < 10 then  C ← A - B  Else  C ← A + B |  |  | -2 |  |  |
| D ← 2 \* C + B |  |  |  | 0 |  |
| Write (C, D) |  |  |  |  | -2, 0 |

1. **5 dan 7**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perintah | A | B | C | D | Output |
| Read (A, B) | 5 | 7 |  |  |  |
| If A + B < 10 then  C ← A - B  Else  C ← A + B |  |  | 12 |  |  |
| D ← 2 \* C + B |  |  |  | 31 |  |
| Write (C, D) |  |  |  |  | 12, 31 |

1. **8 dan 5**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perintah | A | B | C | D | Output |
| Read (A, B) | 8 | 5 |  |  |  |
| If A + B < 10 then  C ← A - B  Else  C ← A + B |  |  | 13 |  |  |
| D ← 2 \* C + B |  |  |  | 31 |  |
| Write (C, D) |  |  |  |  | 13, 31 |