

Easy (60)

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 |   |   |   |   | 0 | 1 |   | 0 |
| 0 | 0 | 1 |   |   |   | 1 | 0 | 1 | 1 |
| 0 | 0 |   | 1 | 0 | 1 |   | 0 | 0 | 1 |
| 1 |   |   | 0 | 1 |   | 0 | 1 | 1 |   |
| 0 |   |   |   | 0 | 0 |   | 0 |   | 1 |
|   | 0 | 1 |   |   |   | 0 |   |   | 0 |
| 0 |   | 1 | 1 | 0 |   |   |   | 1 | 0 |
| 1 | 1 |   | 1 | 0 | 0 |   | 0 |   | 1 |
| 1 | 1 |   | 0 |   | 0 |   | 1 |   | 1 |
|   | 0 |   | 1 | 0 | 1 |   | 1 | 1 |   |

Medium (52)

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 |   | 0 | 1 |   |   | 0 |   |   |
| 0 |   |   |   | 0 |   |   |   |   |   |
|   | 1 | 0 |   | 0 | 0 |   | 1 |   |   |
|   |   | 1 | 0 | 1 |   |   |   | 0 |   |
|   | 0 |   |   | 0 | 1 | 1 |   |   | 0 |
|   |   |   | 0 |   | 0 |   |   | 0 | 0 |
| 1 | 0 | 0 |   | 0 | 1 |   | 0 |   | 1 |
|   | 1 | 1 | 0 | 1 |   | 0 | 1 | 0 |   |
| 1 | 0 | 0 |   | 1 |   |   | 1 | 0 | 0 |
| 0 | 1 |   |   |   | 0 | 1 | 0 | 1 |   |

Hard (45)

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 |   |   | 1 |   |   | 0 |   | 0 |   |
| 0 | 1 |   | 0 | 1 | 0 | 1 | 0 |   | 1 |
|   |   |   |   |   | 1 |   | 0 | 1 | 1 |
|   |   |   |   |   | 1 |   | 1 |   | 0 |
|   |   | 0 |   |   |   |   |   |   | 0 |
|   | 0 | 1 | 1 |   |   |   | 1 |   | 1 |
| 1 |   |   |   | 1 |   |   |   | 0 | 0 |
|   |   | 1 | 0 | 0 | 1 |   | 0 |   |   |
| 0 | 0 | 1 |   | 1 |   | 1 |   |   |   |
|   | 1 |   | 1 |   | 1 | 0 |   | 1 |   |

Expert (38)

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
|   |   |   |   |   | 1 |   | 1 | 1 |   |
|   |   |   | 1 |   |   |   | 0 | 0 |   |
| 1 | 0 |   | 1 |   | 1 | 0 | 1 |   |   |
| 0 |   |   |   | 1 | 1 |   |   |   | 0 |
|   |   |   |   | 0 | 0 |   |   |   |   |
| 0 |   |   |   |   | 1 |   |   | 0 |   |
|   | 1 |   | 1 | 1 |   | 0 |   |   |   |
| 1 | 0 | 1 |   | 1 |   | 0 |   | 0 |   |
|   | 0 |   |   | 0 |   |   | 0 |   |   |
|   |   | 0 |   | 0 |   | 1 |   |   | 0 |

## Solutions

Easy (60)

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |

Medium (52)

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |

Hard (45)

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |

Expert (38)

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |
| 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |