

| Month | A | B | C | D | Y |

|-----|---|---|---|---|---|

|    0 | 0 | 0 | 0 | 0 | X |

| Jan  | 0 | 0 | 0 | 1 | 1 |

| Feb  | 0 | 0 | 1 | 0 | 0 |

| Mar  | 0 | 0 | 1 | 1 | 1 |

| Apr  | 0 | 1 | 0 | 0 | 0 |

| May  | 0 | 1 | 0 | 1 | 1 |

| Jun  | 0 | 1 | 1 | 0 | 0 |

| Jul  | 0 | 1 | 1 | 1 | 1 |

| Aug  | 1 | 0 | 0 | 0 | 1 |

| Sep  | 1 | 0 | 0 | 1 | 0 |

| Oct  | 1 | 0 | 1 | 0 | 1 |

| Nov  | 1 | 0 | 1 | 1 | 0 |

| Dec  | 1 | 1 | 0 | 0 | 1 |

Y = A'D + AD'

CD \ AB	00	01	11	10
00	X	0	1	1
01	1	1	X	0
11	1	1	X	0
10	0	0	X	1