1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

DATE	Mon	Tue	Wed	Thu	Fri	Sat	Sun
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2 3 4 5 6 7 8 9 10							

• $1/\alpha x + by = cl = gcol(\alpha, b)$ int ext Euclide (a, b, kx, ky): x, y = 1,0; return a q= a/b $r = a - b \cdot q$ d= ext Euclid (b, r, x, y,) y = 2c, - 9x y, return d 11 ase + by = C diophantine Solve (0,6,0) cl-ex7 Euclid (a,b,x,y) if c % d = 0: revum Invalid_Room xx= c/d; if a <0: 2c =->c y x = e/d; if b < 0: y = -y return (x,y) int modInverse (a, m): 1/x = a-1 (mod m) of god = ext Euclid (a, m, re, g) if gcd \$ 1: return-1 else: regurn (20% m + m) % m.

3