D'Increamental line drawing Algo. input line (xo, yo) (xu, y) 210be w = 31-20 lene direawing earnation マール・ジーから y, - yo = 24-260 m(x-24)+y, $=\frac{1}{m}(y-y_1)+x_1-y_1$ 2 This calculation

20 me 3000! (1) × vigale x 5053/ (ii) y word and pixel (xo, yo) forc (i= xt; i(=x; i++) 1 Jo = Jo + man falos (m). draw-Pinel (i, nound (yo)) Inaw (no, yo) for (i= yt); i (= y, i i++) (de ce acost 20 = 20 + (/m); draw (mound (no), i); same as zone 1 except $x_0 = x_0 - fabs(m)$ Zone-3; draw (20, 40) for (i= 26-1; i/ 21; thon His

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You = you + man fabs (m); dreaw (i, round (y)) 20ne-4: Same as zone 3 except == fabs(m); & drzaw (no, yo) torc(i= y, i > y1; i--){ $x_0 = x_0 + 00000 - fabs(m)$ draw (nound (sto), i); zone 5, 20= 20+fabs (m) Zone-6: zone - x as zone 10 except yo = yo- tabs (m)