Pover Using Recorsion -11 PERA Exporert (m) 7 2= 2 × 2+ 2 × 2 × 2 ma= m= ma -- for n +ilms pow (m.n)= (m+m+m7 ___ # 1-1 +imo /* m pow (min) = pow (min-1)*n int powlithministry 1f(v==0) pow (min) = / 1 / n=0 ceturn 1; cetur pour (min 1) m pow(min-1)Am m>0 pow (2,9) pow (2,8) * 2 = 8\$2 pow(2,7)2=256 pow(2,6) *2 = 128 9 kore pou(2,5)+2=64 Carpma relevi Jan (2,4/1/2 = 32 gercie blex+1 por(2,3) x2 = 16 ret bilt pae (2,2) *2 -81 an Zeiher ector in Live bititpow (2,1) +2 = 4 pau(2,0)+2 5=1 29-2.(22)4

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pow (11st m, 11st n) } if (n==0) return 1; if (~32==0) retorn pow (m*m, 11/2); return 2100 mmm, (n-1)/2); par (2,9) =29 2× pow (21 4)=29 $\sqrt{2} + 2^2 \sim 28$ pow (23, 1) = 28 $\frac{281}{281}$ pour $(\frac{2^{16}}{2^{16}}) = 28$