Que Power (a, b) = at 3 ab a axaxaxa.... Lo btimes 6 > 6 Expectation Faith Combina pow(2,6) pow(2,5) int p = pow(2,5); عبي 64 **→**32 seturn 2 x p; if (6 = = 0) return 1; int p = pow(a, 6-1); netven pxa;  $\begin{array}{c}
(2,4) \\
(2,3) \\
(2,2)
\end{array}$ 

bis even  

$$2^{6} = 3 \quad 2^{3} \times 2^{3}$$
  
 $2^{7} = 3 \quad 2^{3} \times 2^{3} \times 2$   
 $2^{100} = 3 \quad 2^{50} \times 2^{50} \times 2^{50} \times 2$   
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 $2^$ 

pow (2,7) 
$$p(2,3)$$

$$p = pow(2,3)$$

$$(g(6), 2 == )$$
oreturn  $p \neq p \neq 2$ 

int 
$$p = pow(a, 6/2)i$$

ig(6  $\%$ ,  $2 = = 1$ )

ereturn  $p \times p \times a$ ;

else areturn  $p \times p$ ;

Recursion with arrays 1/7/9/4/3/5/8 Ques Parint all elements baint (were, int idx) Expectation Faith Combine print (con, o) Perint (com, 1) Syso (core Co3) pecint (coor, 1) 9 4 3 perint (int con[], int 18 Lidx == ara. Rength) return; · syso (aver [idx]; · P , idx= 3 .. Print ( ass, idx+1); P, idx= 2 P, idx=1 - P , idx=0 7943

Print in Reverse order

1191914131512

PR(core, idx)

Expectation

PR(core, 0)

PR(core, 1)

PR(core, 1);

Syso(core [0]);