40

10

Function Stack, main() & 2 int a = 10; 3 fun(a); 4 int 6 = 20; 6 void fun (int n) & 7 Run2(n); 8 3 y so (n); 10 void Bunz (int n) E n = 4012 Syso(n);

int fact (int n) & if (n = = 0) return 1; int & = fact (n-1); return & xn; main () 2 1nt 85 = fact (5); Stack Pact

Que Print in decreasing Dader Expectations Faith Combine PD (6) PD(5) syso(6) 4 PD PD (5); 2 PD(D) PD (int n) { ig (n = = 0) neturn; PD(1) syso(n) PD(2) PD(n-1) PD(3) PD (4)=n PD(5)=n Heap Console 6 PD(6)=n main Function call stack

Ous Paint increasing PI (int n) Expectations Faith P1 (4) P1(4) P1 (5) Syso (5) 3 4 PI(0) PLCI PI(2) PI (int n) { PI 3) if (n==0) return; PICH) PI (n-1); P1(5) syso (n);

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4

3

n=4=2

1