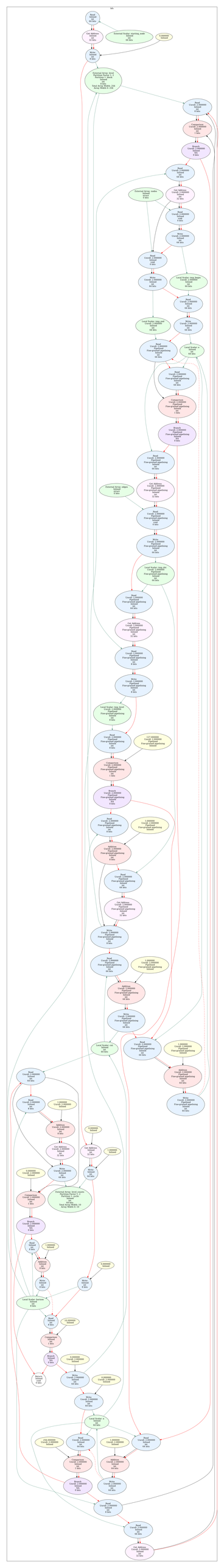
bb
Read
Unroll: 1
int
64 bits
Get Address
Inlined
Unroll: 1
32 bits
External Array: sorting_nodes
Inlined
Unroll: 1
64 bits
0.000000
Inlined
Write
Unroll: 1
int
64 bits
External Array: local
Partition Factor: 8
Partition: 1 block
cyclic
Bits:
Total Array Width: 256
Array Width (1 if): 32
Read
Unroll: 2.000000
Inlined
8 bits
Conversion
Unroll: 2.000000
Inlined
1 bits
Branch
Unroll: 2.000000
Inlined
0 bits
Read
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Get Address
Unroll: 2.000000
Inlined
32 bits
Read
Unroll: 2.000000
Inlined
64 bits
Write
Unroll: 2.000000
int
64 bits
Read
Unroll: 2.000000
Inlined
64 bits
Load Scalar: loop_bound
Unroll: 2.000000
Inlined
64 bits
Read
Unroll: 2.000000
Inlined
64 bits
Load Scalar: loop_end
Inlined
64 bits
Read
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Load Scalar: n
int
64 bits
Read
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Comparison
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
1 bits
Branch
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
0 bits
Read
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
External Array: edges
Inlined
0 bits
Get Address
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
32 bits
Read
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
4 bits
Write
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Load Scalar: loop_iter
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Read
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Get Address
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
32 bits
Read
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
4 bits
Write
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
4 bits
Load Scalar: loop_iter
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Read
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
LUI 0x80000
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
Comparison
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
1 bits
Branch
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
0 bits
Read
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
4 bits
1.000000
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
Addition
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Read
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Get Address
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
32 bits
Read
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Write
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
1.000000
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
Addition
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Read
Unroll: 1.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Load Scalar: cur
Inlined
64 bits
Read
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
1.000000
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
Addition
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Write
Unroll: 2.000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Read
Unroll: 2.000000
Inlined
64 bits
Read
Unroll: 2.000000
Inlined
64 bits
0.000000
Inlined
Get Address
Unroll: 2.000000
Inlined
32 bits
1.000000
Inlined
Write
Unroll: 2.000000
Inlined
64 bits
4.000000
Unroll: 2.000000
Inlined
Read
Unroll: 2.000000
Inlined
64 bits
Comparison
Unroll: 2.000000
Inlined
1 bits
External Array: local_counts
Partition Factor: 2_2
Partition: 2 blocks cyclic
Inlined
Bits:
Total Array Width: 32
Array Width (1 if): 16
Branch
Unroll: 2.000000
Inlined
0 bits
Read
Inlined
Unroll: 2.000000
8 bits
1.000000
Unroll: 2.000000
Inlined
Addition
Unroll: 2.000000
Inlined
8 bits
Write
Unroll: 2.000000
Inlined
8 bits
9.000000
Inlined
Write
Unroll: 2.000000
Inlined
8 bits
Load Scalar: Array
Inlined
8 bits
Read
Unroll: 2.000000
Inlined
8 bits
10.000000
Unroll: 2.000000
Inlined
Comparison
Unroll: 2.000000
Inlined
1 bits
Branch
Unroll: 2.000000
Inlined
0 bits
4.000000
Unroll: 2.000000
Inlined
Jump
Unroll: 2.000000
Inlined
0 bits
Write
Unroll: 2.000000
Inlined
64 bits
10.000000
Unroll: 2.000000
Inlined
Write
Unroll: 2.000000
int
64 bits
Load Scalar: n
int
64 bits
256.000000
Unroll: 2.000000
Inlined
Read
Unroll: 2.000000
Inlined
64 bits
1.000000
Unroll: 2.000000
Inlined
Read
Unroll: 2.000000
Inlined
64 bits
Comparison
Unroll: 2.000000
Inlined
1 bits
Addition
Unroll: 2.000000
Inlined
64 bits
Branch
Unroll: 2.000000
Inlined
0 bits
Write
Unroll: 2.000000
Inlined
64 bits
Read
Unroll: 2.000000
Inlined
64 bits
Read
Unroll: 2.000000
int
64 bits
Get Address
Unroll: 2.000000
Inlined
32 bits