

Register Rename Table	
Register#	Location
1 <input checked="" type="checkbox"/>	1
2 <input type="checkbox"/>	
3 <input type="checkbox"/>	
4 <input type="checkbox"/>	
5 <input type="checkbox"/>	
6 <input checked="" type="checkbox"/>	2

ROB	
ROB#	Value
1	12 <input checked="" type="checkbox"/>
2	55 <input checked="" type="checkbox"/>
3	33 <input checked="" type="checkbox"/>
4	<input type="checkbox"/>
5	<input type="checkbox"/>
6	<input type="checkbox"/>

Arch. Register File	
Register#	Value
1	10
2	15
3	22
4	24
5	7
6	35

Tail of ROB=1, Head of ROB = 3.

$R1 \leftarrow R2 + R3$  // A

$R2 \leftarrow R3 + R1$  // B

$R2 \leftarrow R1 + R1$  // C

$R4 \leftarrow R1 + R3$  // D

$R3 \leftarrow R1 + R2$  // E

Register Rename Table	
Register#	Location
1 <input type="checkbox"/>	
2 <input type="checkbox"/>	
3 <input type="checkbox"/>	
4 <input type="checkbox"/>	
5 <input type="checkbox"/>	
6 <input type="checkbox"/>	

ROB	
ROB#	Value
1	<input type="checkbox"/>
2	<input type="checkbox"/>
3	<input type="checkbox"/>
4	<input type="checkbox"/>
5	<input type="checkbox"/>
6	<input type="checkbox"/>

Arch. Register File	
Register#	Value
1	
2	
3	
4	
5	
6	