

Execution 1

P₁: x ← 1;
P₁: print(y,z);
P₂: y ← 1;
P₂: print(x,z);
P₃: z ← 1;
P₃: print(x,y);

Prints: 001011

Signature: 00 10 11

(a)

Execution 2

P₁: x ← 1;
P₂: y ← 1;
P₂: print(x,z);
P₁: print(y,z);
P₃: z ← 1;
P₃: print(x,y);

Prints: 101011

Signature: 10 10 11

(b)

Execution 3

P₂: y ← 1;
P₃: z ← 1;
P₃: print(x,y);
P₂: print(x,z);
P₁: x ← 1;
P₁: print(y,z);

Prints: 010111

Signature: 11 01 01

(c)

Execution 4

P₂: y ← 1;
P₁: x ← 1;
P₃: z ← 1;
P₂: print(x,z);
P₁: print(y,z);
P₃: print(x,y);

Prints: 111111

Signature: 11 11 11

(d)