

**Host**

**Device**

**Kernel 1**

**Grid 1**

**Block  
(0, 0)**

**Block  
(1, 0)**

**Block  
(2, 0)**

**Block  
(0, 1)**

**Block  
(1, 1)**

**Block  
(2, 1)**

**Kernel 2**

**Grid 2**

**Block (1, 1)**

**Thread  
(0, 0)**

**Thread  
(1, 0)**

**Thread  
(2, 0)**

**Thread  
(3, 0)**

**Thread  
(4, 0)**

**Thread  
(0, 1)**

**Thread  
(1, 1)**

**Thread  
(2, 1)**

**Thread  
(3, 1)**

**Thread  
(4, 1)**

**Thread  
(0, 2)**

**Thread  
(1, 2)**

**Thread  
(2, 2)**

**Thread  
(3, 2)**

**Thread  
(4, 2)**

