Input Data

X00	X01	X02	X03	X03	X05

X10	X11	X12	X13	X14	X15

X20	X21	X22	X23	X24	X25

Kernel 0

H01	H02	H03

H10	H11	H12

H20	H21	H22

Kernel 1

G00	G01	G02

G10	G11	G12

G20	G21	G22

Kernel Matrix

H00	G00
H01	G01
H02	G02
H10	G10
H11	G11
H12	G12
H20	G20
H21	G21
H22	G22

Input Matrix

X00	0	0	X10	0	0	X20	0	0
X01	X00	0	X11	X10	0	X21	X20	0
X02	X01	X00	X12	X11	X10	X22	X21	X20
X03	X02	X01	X13	X12	X11	X23	X22	X21
X04	X03	X02	X14	X13	X12	X24	X23	X22
X05	X04	X03	X15	X14	X15	X25	X24	X23
0	X05	X04	0	X15	X14	0	X25	X24
0	0	X05	0	0	X15	0	0	X25

Output Matrix