

$$I_1: \underline{R_1} \leftarrow R_2 + R_3$$

$$I_2: R_5 \leftarrow \underline{R_1} + R_4$$

flow dependency

$$I_1: R_1 \leftarrow \underline{R_2} + R_3$$

$$I_2: \underline{R_2} \leftarrow R_4 + R_5$$

anti dependency

$$I_1: \underline{R_1} \leftarrow R_2 + R_3$$

$$I_2: \underline{R_1} \leftarrow R_4 + R_5$$

output dependency