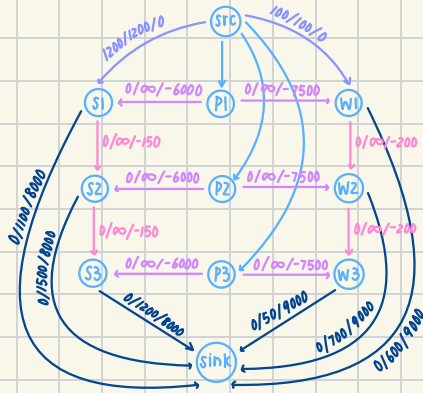


1. Price for manufactures sedans and wagons. The number of vehicles that can be sold each of the next 3 months are shown below.

Month	Sedans	Wagons
1	1100	600
2	1500	700
3	1200	50

Each sedan sells for \$8000 and each wagon for \$9000. It costs \$6000 to produce a sedan and \$7500 to produce a wagon. Every vehicle in inventory at the end of the month incurs an inventory charge, \$150 per sedan and \$200 per wagon. During each month at most 1500 vehicles can be produced. At the beginning of the first month 1200 sedans and 100 wagons are available.



$$\text{Max revenue} = \$1.747 \times 10^7$$

