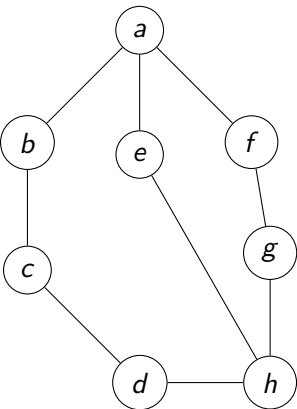


Input Graph



$M_1$



$M_2$



$M_3$



$M_4$

