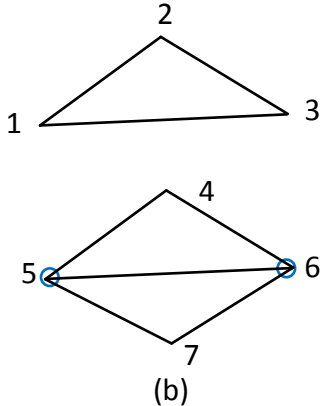


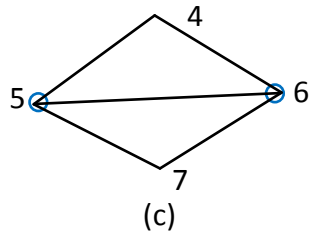
$G_1 = \{1, 2, 3, 4, 5, 6, 7\};$   
 $S = \{G_1\}, T = \emptyset;$   
 $\text{odd\_num} = 4 > 2;$   
 $Q = \{1-4-3\};$



$G_1 = \{1, 2, 3\}, G_2 = \{4, 5, 6, 7\};$   
 $S = \{G_1, G_2\}, T = \{G_1\};$   
 $T\_path = 1-4-3, T\_circuit = 1-2-3-1;$   
 $path = 1-2-3-1-4-3;$   
 $Q = \{1-2-3-1-4-3\};$



○ odd vertex



$G_1 = \{4, 5, 6, 7\};$   
 $S = \{G_1\}, T = \emptyset;$   
 $\text{odd\_num} = 2;$   
 $Q = \{1-2-3-1-4-3, 5-4-6-5-7-6\};$