Q1.

5 |

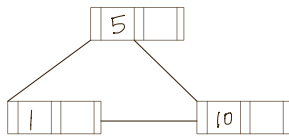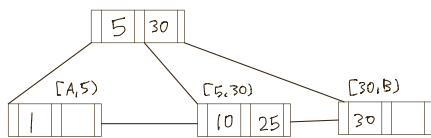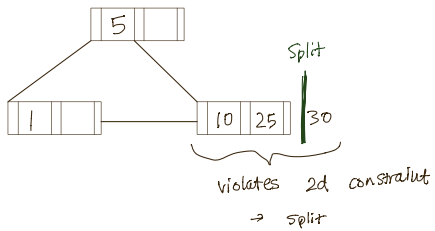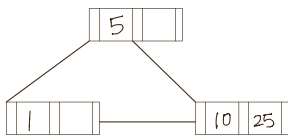1 | 10

① Insert "25" and "30"

5 |

1 | 10 | 25

5 |

1 | 10 | 25 | 30   Split

violates 2d constraint
→ split

5 | 30

[A,5)   [5,30)   [30,B)

1 | 10 | 25   30

Q1.

5 |

1 | 10

5 |

1 | 10 | 25

5 |

1 | 10 | 25 | 30

5 | 30

1 | 10 | 25   30