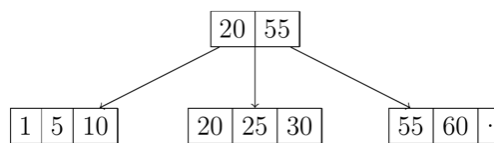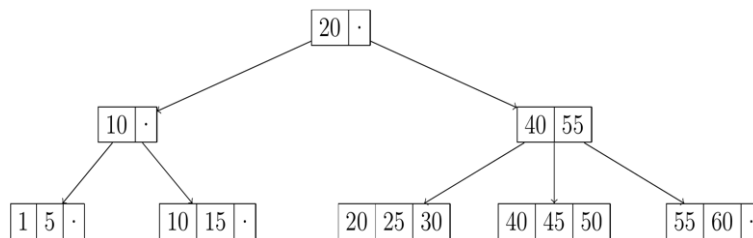# CSC 212 Tutorial
B+ Trees

Problem 1

Insert into an empty $B+$ Tree of order 3 the following keys: $30, 10, 60, 25, 1, 20, 55$

Problem 2

1. Insert key 15 into the following $B+$ Tree:

2. Insert key 35 into the following $B+$ Tree:

Problem 3

Delete keys $75, 70, 80, 30$ from the following $B+$ Tree:

```
                                45 | ·
                  /                              \
             25 | ·                              65 | ·
          /          \                        /           \
      15 | ·        35 | ·                 55 | ·         80 | ·
      /    \        /    \                /    \         /     \
   1 5 ·  15 20 ·  25 30 ·  35 40 ·   45 50 ·  55 60 ·  65 70 75  80 90 100
```