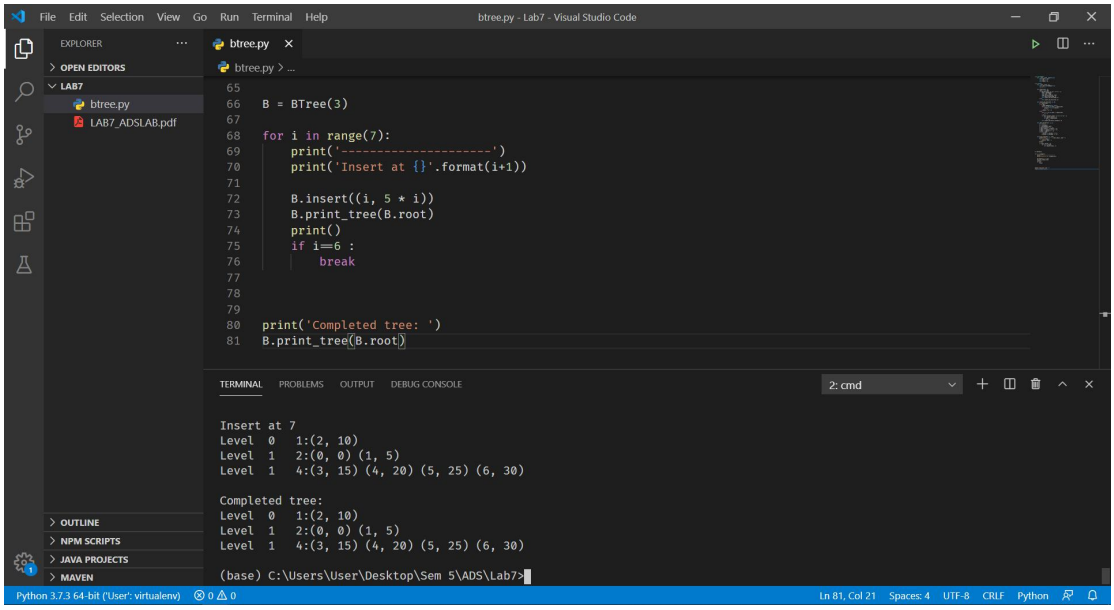
Output



Complete output:

Insert at 1
Level 0 1:(0, 0)

Insert at 2
Level 0 2:(0, 0) (1, 5)

Insert at 3
Level 0 3:(0, 0) (1, 5) (2, 10)

Insert at 4
Level 0 4:(0, 0) (1, 5) (2, 10) (3, 15)

Insert at 5
Level 0 5:(0, 0) (1, 5) (2, 10) (3, 15) (4, 20)

Insert at 6
Level 0 1:(2, 10)
Level 1 2:(0, 0) (1, 5)
Level 1 3:(3, 15) (4, 20) (5, 25)

Insert at 7
Level 0 1:(2, 10)
Level 1 2:(0, 0) (1, 5)
Level 1 4:(3, 15) (4, 20) (5, 25) (6, 30)

Completed tree:
Level 0 1:(2, 10)
Level 1 2:(0, 0) (1, 5)
Level 1 4:(3, 15) (4, 20) (5, 25) (6, 30)