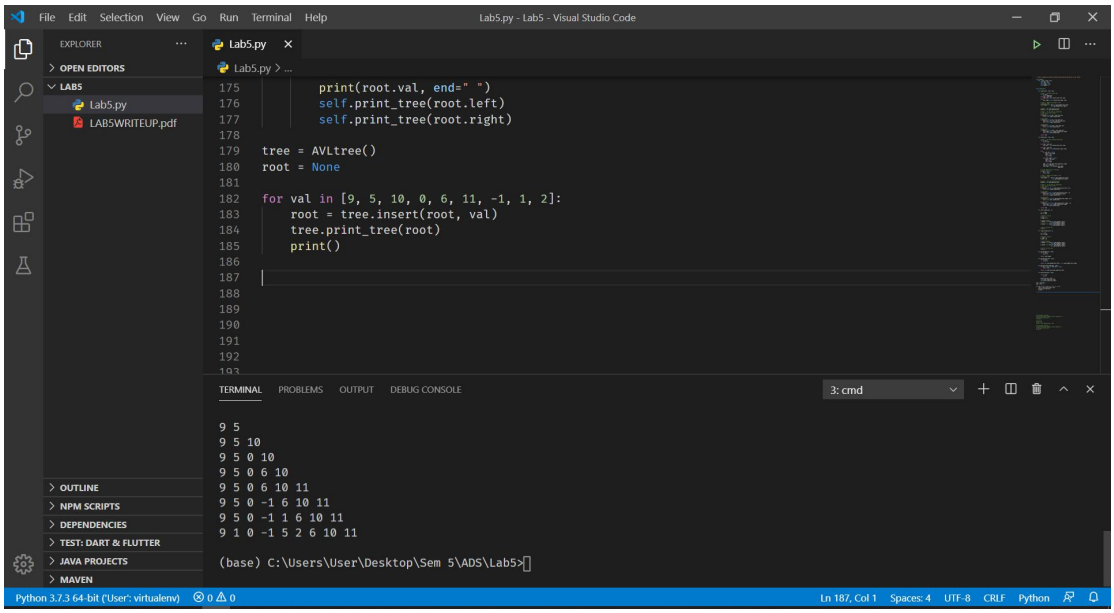
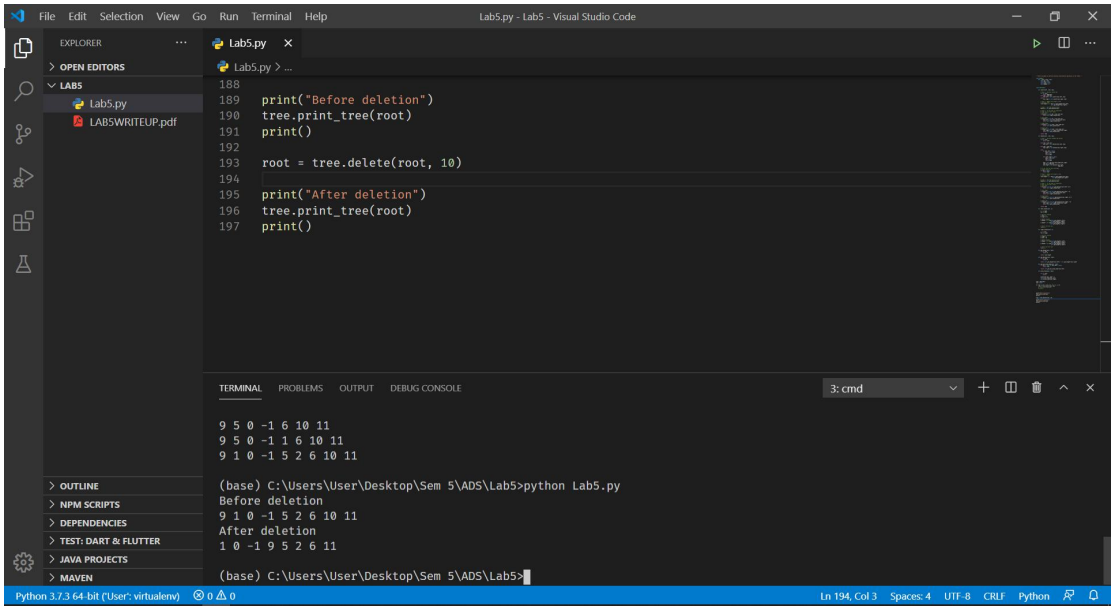
Output

Insert:



Delete: