```
Quiz 5 (February 25, 2021).py

Quiz 6 [Input_File.csv

Quiz 6 (March 4, 2021).py

Quiz 7 (March 11, 2021).py

Quiz 8 (March 18, 2021).py

Quiz 10 (April 1, 2021).py

Quiz 11 (April 8, 2021).py

Quiz 11 (April 15, 2021).py

Quiz 12 (April 15, 2021).py

Quiz 12 (April 15, 2021).py

Process finished with exit code 0

Run: □ Quiz 12 (April 15, 2021) ×

□ Process finished with exit code 0

□ Run: □ Process finished with exit code 0

□ Problems □ Terminal □ Python Console
```

Analysis:

Bubble sort: W(n)=(n-1)(n-1) \in 0(n²) Insertion sort: T(n)=n²/2 \in 0(n²) Exchange sort: W(n)= n²/2 \in 0(n²) Selection sort: T(n)= n²/2 \in 0(n²)

So the upper bound of these four sorting algorithms are the same.