

1. linear searching

<https://www.youtube.com/watch?v=HtubN1qZ400>

2. binary searching

<https://www.youtube.com/watch?v=9Qo5cVZbMhM>

3. selection sort

<https://www.youtube.com/watch?v=wXFYcGTEU4c>

4. quick sort

<https://www.youtube.com/watch?v=4uJHGIFQ72M>

5. insertion sort

https://www.youtube.com/watch?v=iVcJLM_bNU0

6. bubble sort

https://www.youtube.com/watch?v=N35fv1YA_24

7. merge sort

<https://www.youtube.com/watch?v=uw-7jejiITw>

8. shell sort

<https://www.youtube.com/watch?v=ZtjCHnHTK5Q>

9. heap sort

<https://www.youtube.com/watch?v=3lj-euktmOc>

10. hashing

<https://www.youtube.com/watch?v=zeMa9sg-VJM>

<https://www.youtube.com/watch?v=PR2ZaURJpTE>

<https://www.youtube.com/watch?v=drCnzXKfAB4>