Interview question

1. What kind of methods will you use while teaching sorting algorithms? PowerPoint, some drawing or a similar sorting algorithms animation software?

2. Have you ever recommended students to use a sorting algorithms visualization tool?

3. What is the hard part of learning sorting algorithms? And which algorithm you think is most difficult to learn?

4. Does the learning of sorting algorithms have any dependencies, like bubble first? That means will it be better to learn specific algorithms before some other algorithms?

5. What kind of sorting algorithms related questions are asked most by students?

6. What do you think about the 'correctness' of sorting algorithms?

7. Do you prefer to use this software for demonstration during class or recommend students to use it after class?

8. There exist many algorithm visualization products, in your opinion, why they didn't come into class or be widely used by students?

9. (showing one similar software) What do you think about this existing software? Will you use this for teaching? If you do not want to use it, what drawbacks do you think it has? What function will you add?

10. What kind of problems do you think hinder these products' spread?

11. Which platform do you prefer to use this software?