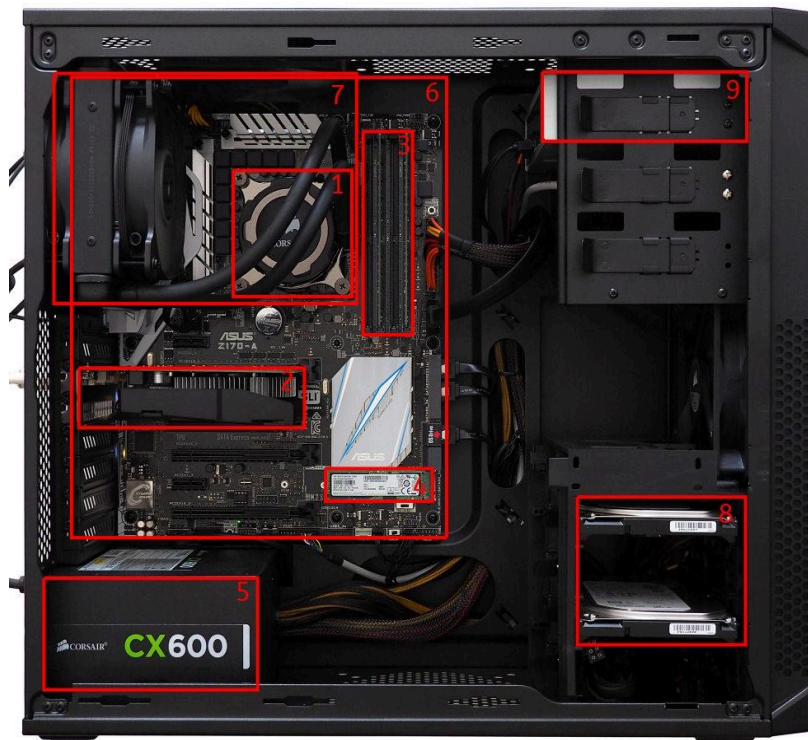


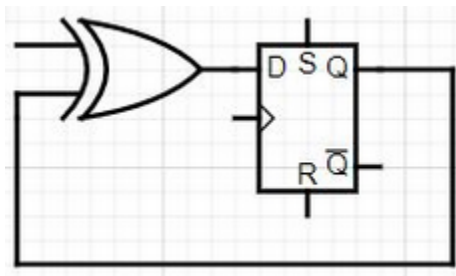
Sujay Deb

1. What is the difference between computer organization and computer architecture?
2. How does a C program run on your laptop? List as many steps as possible.
3. Write down the interfaces and ports available in a computer.
4. What is Von Neumann's architecture's main drawback over Harvard Architecture?
5. What are the main components of Modern desktop systems? Classify them as storage, computation, interconnect, or power. List some of the key defining features of these components.
6. List out some ISAs.
7. Label all the components that you see in this picture.



ImageSource: <https://images.app.goo.gl/KbiZEWuFoBqa7d539>

8. Differentiate between Asynchronous and Synchronous Sequential circuits.
9. Which flip-flop is this?



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10. Design a digital circuit using D-Flip flops for the Moore machine mentioned below.

