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Special Notes to Professor submission comments

Paste the Algorithms and Pseudocode *question you've selected followed by your answer. (minimum 250 words)*

Include your assessment of the general knowledge and "common sense" needed to carry out the instructions successfully.

1) write a pseudocode for a robot to make your favourite beverage in the morning?

1. Ensure that the coffee ingredients (milk, sugar, coffee beans, etc.) are available in kitchen or pantry. If you find that you are running low on any of the ingredients, you can either order them online or go to the nearest grocery store to buy them.
2. Check if the coffee machine is functional.
3. Turn on the coffee machine. You should see a light or a display indicating that the machine is ready to use.
4. Wait for it to heat up. It should show you the current temperature of the water or the coffee.
5. Grind the coffee beans. Coffee grinder is a machine that has blades or burrs that chop or crush the beans into uniform particles.
6. Measure and add the appropriate amount of coffee power in the filter.
7. Fill the water tank with water.
8. IF (milk is required) THEN
    - Add the required amount of milk.
9. Turn on the start button for starting the process of coffee making.
10. Stir the mixture until it reaches the desired temperature.
11. Wait for the coffee to drip into the glass flask.
12. Pour the coffee into a cup. There are different ways to pour coffee into a cup, first one is Using a drip coffee maker, French press, pour-over.
13. ENDIF
14. IF (sugar is required) THEN
    - Measure and add the required amount of sugar to the cup.
15. ENDIF
16. Stir the coffee.
17. Place the cup of coffee on a serving tray.

Paste the ICT Past, Present, and Future *question you've selected followed by your answer. (minimum 250 words)*
How does cloud computing change our need for personal computing hardware?

In the old days, we needed big, strong computers for our work. These devices required strong processors for applications and data. The central processing units (CPUs) in these computers were designed to handle complex calculations and operations. Additionally, ample storage space was essential to accommodate the growing demands of applications and data storage. With limited storage capacity, users needed to carefully manage their files and programs. These computers, often characterized by their physical size and weight, were the backbone of scientific, business, and personal computing, marking an era where technological capabilities were directly tied to the size and strength of the hardware.

Presently, thanks to cloud computing, we can do things on the internet instead of needing powerful personal computers. Cloud tech lets us use remote servers through the internet for tasks, reducing the need for super-strong devices at home. This has reduced the demand for high-end personal hardware, allowing for more flexibility and collaboration. Users can now access applications and data from various devices without being constrained by the limitations of local hardware. Right now, we can access apps and data from different devices easily.

Looking ahead, the future seems to bring lighter, connected devices. Instead of focusing on having powerful computers, we're moving towards devices that are easy to carry around and stay connected. This means our usual personal computers might not be as important in the future. Instead, we'll use devices that work well with the internet, making it simple for us to do things together with others.

In a nutshell, cloud computing has changed how we use personal computers. We're shifting from needing strong devices to lighter, more connected ones that make it easy for us to stay online and work together with the help of the internet.