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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.

*Paste the* ICT Past, Present, and Future *question you've selected followed by your answer. (minimum 250 words)*

**Algorithms**

We all have our different ways to understand the solution or problem. One of the most common in computer’s world is Algorithms or flow chart. Algorithms (flow chart) plays a crucial role in solving problems. These are the steps by step instruction for carrying out a specific task. These are not logical codes; these are only instruction given for a problem. Anyone can easily understand, even a non computer guy. Algorithms helps programmers and software developers to breakdown the complex tasks or bigger problems in to smaller and more manageable steps.

**What general knowledge and “common sense” is assumed in order to carry out the instructions (you are about to write) successfully?**

Computer really don’t know what to do until we provide a set of instruction.

We need simple common sense to successfully execute an algorithm but with common sense we also need three kinds of logic. First sequential, this type of logic refers to events and actions happens one after another in a specific sequence and follows step b y step approach. Second is conditional (decision or selection), this type of logic refers to different actions or choices made upon certain conditions or criteria. It is like making decisions, for example if the weather is likely to rain then we have to use umbrella, this is the decision. Lastly looping(iterative), this refers to way of repeating a set of instructions multiple times until the certain condition is met. It is like doing a task thousands of times until a desired outcome is come. For example, if I am cleaning a pile of dishes. I rinse, put cleaning solution and rub until all the dishes are cleaned. So there are the steps that are repeated until the time where nothing left.

**What is the algorithm to get a week's worth of Seneca SDDS schoolwork done within a week? (While managing your sanity and physical wellbeing)?**

Several factors need to consider while creating the algorithm to get schoolwork done is

**Assess the work load:** Check the syllabus(course material) to understand the task or assignment due in coming days. Breakdown the workload in to small pieces like reading, collecting content, projects, and studying for exams.

**Prioritize the tasks:** identify which task is most crucial and time sensitive. Determine the weightage of the task and assignment.

**Self study and self practice**: practice and practice. Eat sleep Rest study… this is also like a loop.

**Has ICT really revolutionized the world, or has it just made it faster? Are we in a new information revolution, or are we past it?**

ICT(Information and communication technology) is a huge and broad term that includes various technologies and tools. Some of the examples of ICT includes computers, networks, software, internet, smartphones, telecommunication, digital media etc.

Off course ICT revolutionized the whole world in millions of ways. It influences our society, education, business, communication, entertainment, healthcare and more.

One of the most important parts of ICT is Communication.

Days before we write the letter and send it by pigeon. Thanks to ICT revolution, now we can send and receive anything in the universe in within frictions of second.

Communication has become faster and more accessible that enables us to collaborate and exchange information across the globe seamlessly. Today anyone with internet can access educational resources, search information, and share thoughts globally.

Business and Commerce are huge affected by ICT revolution. Now we listen the terms like e-commerce, digital money, online shopping, etc. We can buy anything from the internet or online shopping across the world. Business can reach broader and huge customer base and enhance productivity through data analytics, cloud computing and automation process. Now there is no barrier left.

Now Education is provided by different kind of tools like digital learning, online learning, and virtual classrooms. It made education more flexible and accessible anywhere around the world.

Healthcare has much more improved diagnosis environment and devices that leads to improving patients care and life. Without the revolution it wasn’t possible to achieve.

There are much more than this that affected our life. For now, we can say we are in new digital revolution. There are lots of things that aren’t possible without the invention of computers and technologies. People are getting nowadays with out improved technologies. Still there are lots of things that we haven’t explored yet. Once we explored them than this, we will become old.