CSE 331L Microprocessor Interfacing & Embedded System

Quiz 1 ***(CSE331L.7 – Asif Ahmed Neloy\_Fall’20)***



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*Time 20 minutes, Marks 20 (You need to answer all questions).*

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# Why it is never a good idea to store any data in the segment registers?[5]

In assembly programming, we only can load a data into a segment register by first loading it into general purpose register, segment register stores starting pointer value of a data, so it is not good idea to store data in segment register first, so we have put the data in general register first than move it to segment register

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# Explain GPR in terms of storing data.

GPR means general purpose register. As gpr located in cpu it takes no time to access any anything on the other hand  **memory** need data bus to access any data, so register is faster than memory, so register has special purpose to store variable and it is excellent to keep temporary calculation

**End**