1.Why it is never a good idea to store any data in the segment registers?

* Segment registers store addresses, but they store addresses from different segment of the memory. There’ll be 4 kinds of memories which will store the segment address. They are:-

1. Code segment memory in Code segment register
2. Data segment memory in Data segment register
3. Extra segment memory in Extra segment register
4. Stack segment memory in Stack segment register

This memories will have some segment register where memory address of the segment will be stored. Although it is possible to store any data in the segment registers , it is not a good idea. The segment registers have a special function, they point at accessible blocks of memory. They store 16-bit values, but they work together with general purpose register to access any memory value. A single register that is limited to 16-bit values isn’t good.