**Quiz 4/24**

**Q)**

**What is stack overflow condition and stack underflow condition?**

**A)**

* The bottom of the stack will be 0
* The top of the stack will be 1023
* The stack pointer size is 10b (2^10 = 1024)
  + Stack overflow condition = **SP>1023**
  + Underflow condition = **SP<0**

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| **e2** |
| **e1** |

* It has a bit size of 256.
* We push elements because it is a stack.