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**COURSE CODE: CSC235**

**Github link: https://github.com/Pojocodes/csc235proj2**

**Write a pseudo code to analyze the problem:**

**BEGIN**

1. **CREATE** a C file
2. **OPEN** adam.txt file in C
3. **READ** the first line to get the number of test cases and store it in a variable(noOfTestcases)
4. **READ** steps from the file
5. **CREATE** a variable count
6. **CHECK** each character in steps
7. **IF** we encounter **“D”, Goto step 12**
8. **IF** the program encounters anything other than “U” or “D”

**Then Output** the step is invalid **Goto step 5**

1. **If** we encounter **“U” Then** we increment the **count** variable
2. **GO TO step 6 and repeat** until each character has been checked
3. **DISPLAY** count
4. **GO TO step 4 and repeat** until no of test cases
5. **CLOSE the file**

**END**