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# MATRIC NO: 222470

# TOPIC: Psuedocode for Adam programming

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1. START
2. OPEN and SET file to adamin1
3. READ file
4. IF file is empty:
5. DISPLAY “This file is empty”
6. END IF
7. INITIALIZE R
8. READ R FROM file
9. INITIALIZE I = 0
10. FOR (I < R) DO
11. INITIALIZE Step
12. READ step from file
13. INITIALIZE length AS LEN(Step)
14. SET j = 0
15. SET count = 0
16. FOR(j < Length) DO
17. IF Step[I] == “U” THEN
18. Count =Count +1
19. ELSE
20. BREAK
21. END IF
22. END FOR
23. DISPLAY count
24. END FOR
25. END

NOTE:

R stands for the value that would indicate the number of times the program would loop.

Step stands for the string of values that code would run through