**NAME:- RAZAQ HAMMED ABIOLA  
MATRIC NUMBER:- 230927  
LEVEL:- 200L**  
  
PSEUDOCODE FOR A PROGRAM NAMED ADAM

What is pseudo code:- This informal and contrived way of writing a program in which you represent the sequence of actions and instructions a form that human can easily understand.  
  
PROPERTIES OF PSEUDO CODE

1. it uses plain english statement
2. it emphasis on the design of the computer program
3. it uses structured english
4. its detailed and readable to draw an inference
5. it enable programmer to concentrate on the algorithm
6. it allows to plan instructions

USING THE PSEUDOCODE IN ANALYSING THE PROBLEM

Program to check how many Adam walking before falling down and print out the output

#INCLUDE <STDIO.H>

 to include the input and output functions

INT NUM\_TEST\_CASESK(char walk[100]);

INT MAIN() to return 0 value

FILE \*read\_pointer; opening the file

READ \_POINTER = fopen Reading the file

INT NUM TRIED = fopen

FSCANF to count the number of time died

CHA tries[num\_tried][100];

INT steps[num\_tried];

FPRING(write\_pointer,"%d\n", steps[i]);

if (n > 100){

printf("THE CHARACTER ENTERED IS MORE THAN 100 (ERROR!)");

return 0;

}

for (int a=0; a<n; a++){

char step = try[a];

IF (step == 'U') // IF STEP IS WIROG //{

IF ((a+1) == n){

// special case if the entire string is just Us i.e UUUUUUUUUUUUUUUUUUUUUUU

RETURN a + 1; RETURN THE VALUE

}

CONTINUE;

}

ELSE IF (step == 'D') {

SA RETURN A)

}

ELSKE

printf("YOU TYPED IN WRONG CHARACTER %c DECLINED\n", step); // any other character apart from UD

RETURN 0;