FIND THE VOWEL WORDS

ALGORITHM:

STEP 1: Start the program.

STEP 2: Set an uppercase and lowercase.

STEP 3: Print enter an alphabet

STEP 4: using scanf %c

STEP 5: Enter lowercase letter and uppercase letter

STEP 6: Using if print %c is a vowel and using else print %c it is not a vowel

STEP 7: Finally return 0.

COMMANDS:

lowercase\_vowel = (c == 'a' || c == 'e' || c == 'i' || c == 'o' || c == 'u'); // evaluates to 1 if variable c is a lowercase vowel

uppercase\_vowel = (c == 'A' || c == 'E' || c == 'I' || c == 'O' || c == 'U');

// evaluates to 1 if variable c is a uppercase vowel

if (lowercase\_vowel || uppercase\_vowel) // evaluates to 1 (true) if c is a vowel

PROGRAM:

#include <stdio.h>

int main() {

char c;

int lowercase\_vowel, uppercase\_vowel;

printf("Enter an alphabet: ");

scanf("%c", &c);

lowercase\_vowel = (c == 'a' || c == 'e' || c == 'i' || c == 'o' || c == 'u');

uppercase\_vowel = (c == 'A' || c == 'E' || c == 'I' || c == 'O' || c == 'U');

if (lowercase\_vowel || uppercase\_vowel)

printf("%c is a vowel.", c);

else

printf("%c it is not a vowel.", c);

return 0;

}

OUTPUT:

Enter an alphabet: a

a is a vowel.

Enter an alphabet: n

n it is not a vowel.