Whether a number is positive, negative or zero using switch case.

ALGORITHM:

STEP 1: Start the program

STEP 2: Print Enter any number using scanf%d

STEP 3: Using switch (num > 0)

STEP 4: Finally return 0.

COMMANDS:

switch (num > 0) // switch case condition

case 1:

printf("%d is positive.", num); // Num is positive

PROGRAM:

#include <stdio.h>

int main()

{

int num;

printf("Enter any number: ");

scanf("%d", &num);

switch (num > 0)

{

case 1:

printf("%d is positive.", num);

break;

case 0:

switch (num < 0)

{

case 1:

printf("%d is negative.", num);

break;

case 0:

printf("%d is zero.", num);

break;

}

break;

}

return 0;

}

*OUTPUT:*

Enter any number: -4

-4 is negative.