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# Assignment

## "Day 4: Conditional Statement"

### 1 Algorithm:

Step 1: Start the program.

Step 2: Declare a variable number.

Step 3: Ask user to input a number.

Step 4: If number is greater than 0 print "The number is positive"

Step 5: If number is less than 0 print "The number is negative."

Step 6: If number is equal to zero print "The number is zero."

Step 7: End the Program.

## 2 Pseudocode:

Start

Declare integer variable: number

Display "Enter a number:"

Input number

If number  $> 0$

    Display "The number is positive."

Else if number  $< 0$

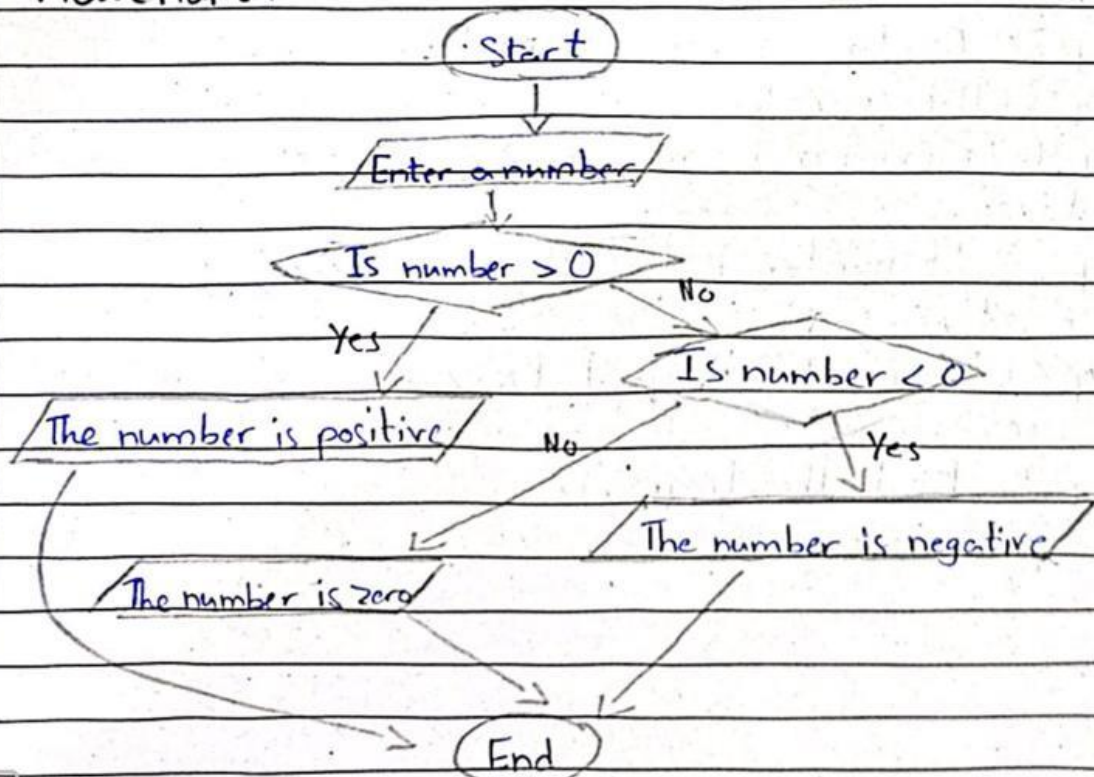
    Display "The number is negative."

Else

    Display "The number is zero."

End

## 3) Flowchart:



es\day 4 assignment.cpp - Dev-C++ 5.11

Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

sses Debug

day 4 assignment.cpp

```
1 #include <iostream>
2
3
4 int main() {
5     int number;
6     printf("Enter a number: ");
7     scanf("%d",&number);
8
9     if (number > 0) {
10         printf("The number is Positive.");
11     } else if (number < 0) {
12         printf("The number is Negative.");
13     } else {
14         printf("The number is Zero.");
15     }
16
17     return 0;
18 }
19
```

Resources Compile Log Debug Find Results Close

Compilation

Compiler paths

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\C Codes\day 4 assignment.exe
- Output Size: 1.90687656402588 MiB
- Compilation Time: 0.31s
|
```

Col: 1 Sel: 0 Lines: 19 Length: 341 Insert Done parsing in 0 seconds

C:\C Codes\day 4 assignment

```
Enter a number: 41
The number is Positive.
-----
Process exited after 11.02 seconds with return value 0
Press any key to continue . . . |
```