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Write a program to identify if a number is positive or negative

Description

Get an input number from the user and check whether it is a positive or negative number.

Input

-10

Output

Negative number

Input

0

Output

Neither positive nor negative

Input

15

Output

Positive number

C Program

Method 1

```
#include <stdio.h>

int main()
{
    int num;
    printf("Enter a number: ");
    scanf("%d", &num);
    if (num > 0)
        printf("Positive number");
    else if (num < 0)
        printf("Negative number");
```

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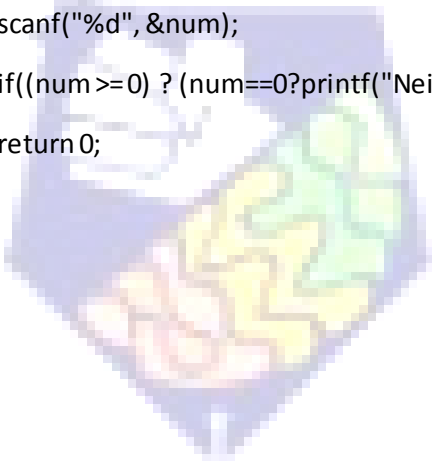
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```
else
    printf("Neither positive nor negative");
return 0;
}
```

Method 2

```
#include <stdio.h>

int main()
{
    int num;
    printf("Enter a number: ");
    scanf("%d", &num);
    if((num >= 0) ? (num == 0 ? printf("Neither positive nor negative"): printf("Positive")): printf("Negative"))
    return 0;
}
```



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C++ Program

Method 1

```
#include <iostream>

using namespace std;

int main()
{
    int num;
    cout<<"Enter a number: ";
    cin>>num;
    if (num > 0)
        cout<<"Positive number";
    else if (num < 0)
        cout<<"Negative number";
    else
        cout<<"Neither positive nor negative";
    return 0;
}
```

Method 2

```
#include <iostream>

using namespace std;

int main()
{
    int num;
    cout<<"Enter a number: ";
    scanf("%d", &num);
    if((num >= 0) ? (num == 0 ? cout<<"Neither positive nor negative": cout<<"Positive"): cout<<"Negative")
        return 0;
}
```

Java Program

Method 1

```
import java.util.Scanner;

public class Main
{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter the number : ");
        int num = sc.nextInt();
        if (num > 0)
            System.out.println ("Positive number");
        else if (num < 0)
            System.out.println ("Negative number");
        else
            System.out.println ("Neither positive nor negative");
        }
}
```

Method 2

```
import java.util.Scanner;

public class Main
{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter the number : ");
        int num = sc.nextInt();
```

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```
if (num == 0)
{
    System.out.println ("Neither positive nor negative");
}
else{
    String output = num > 0 ? "Positive number" : "Negative number";
    System.out.println (output);
}
}
```



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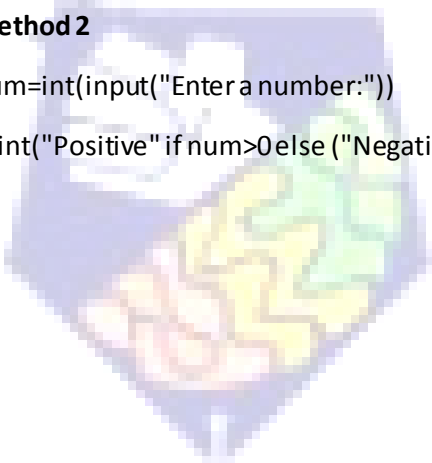
Python

Method 1

```
num = int(input("Enter a number: "))  
if num == 0:  
    print('Neither positive nor negative')  
elif num > 0:  
    print('Positive number')  
else:  
    print('Negative number')
```

Method 2

```
num = int(input("Enter a number: "))  
print("Positive" if num > 0 else ("Negative" if num < 0 else "Neither positive nor negative"))
```



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