Program:5

```java
class demo
{
    public static void main(String[] args)
    {
        int num=51;
        if(num>0)
        {
        System.out.println("number is positive");
        }
        else if(num<0)
        {
            System.out.println("number is negative");
        }
        else
        {
            System.out.println("number is zero");
        }

    }
}
```

Output

Number is positive