

### 3.NumToWords

```
import java.util.Scanner;

class NumToWords
{
    static int length(int n)
    {
        int count=0;
        while(n>0)
        {
            n=n/10;
            count++;
        }
        return count;
    }
    static void num_to_words(int n,int count)
    {
        int m;
        while(count>0)
        {
            m=n/(int)Math.pow(10,count-1);
            if(m>9)
            {
                m=m%10;
            }
            switch(m)
            {
                case 0: System.out.print("Zero ");break;
                case 1: System.out.print("One ");break;
                case 2: System.out.print("Two ");break;
```

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        case 3: System.out.print("Three "); break;
        case 4: System.out.print("Four "); break;
        case 5: System.out.print("Five "); break;
        case 6: System.out.print("Six "); break;
        case 7: System.out.print("Seven "); break;
        case 8: System.out.print("Eight "); break;
        case 9: System.out.print("Nine "); break;
    }
    count--;
}

}

public static void main(String args[])
{
    Scanner sc = new Scanner(System.in);
    int n, count;
    System.out.println("Enter a number to convert it in words:");
    n = sc.nextInt();
    count = length(n);
    num_to_words(n, count);
}
}

```

```
Command Prompt
Enter a number to convert it in words:
156
One Five Six
C:\Users\jaini\Desktop\Educational\COLLEGE\SE\Java\Num to words>
```