\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Code Snippet\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

def numtoword(num: Int, printZero: Boolean = true): String = {

if (num < 0) s"negative ${numtoword(-num)}"

else if (num >= 1000000000) (num%1000000000) match {

case 0 => s"${numtoword(num / 1000000000)} billion ${numtoword(num % 1000000000, false)}"

case n@\_ => s"${numtoword(num / 1000000000)} billion, ${numtoword(num % 1000000000, false)}"

}

else if (num >= 1000000) (num%1000000) match {

case 0 => s"${numtoword(num / 1000000)} million ${numtoword(num % 1000000, false)}"

case n@\_ => s"${numtoword(num / 1000000)} million, ${numtoword(num % 1000000, false)}"

}

else if (num >= 1000) (num%1000) match {

case 0 => s"${numtoword(num / 1000)} thousand ${numtoword(num % 1000, false)}"

case n@\_ => s"${numtoword(num / 1000)} thousand, ${numtoword(num % 1000, false)}"

}

else if (num >= 100) (num%100) match {

case 0 => s"${numtoword(num / 100)} hundred ${numtoword(num % 100, false)}"

case n@\_ => s"${numtoword(num / 100)} hundred and ${numtoword(num % 100, false)}"

}

else if (num >= 20) (num/10) match {

case 2 => s"twenty ${numtoword(num % 10, false)}"

case 3 => s"thirty ${numtoword(num % 10, false)}"

case 4 => s"forty ${numtoword(num % 10, false)}"

case 5 => s"fifty ${numtoword(num % 10, false)}"

case n@\_ => s"${numtoword(n).stripSuffix("t")}ty ${numtoword(num % 10, false)}"

}

else num match {

case 0 => if (printZero) "zero" else ""

case 1 => "one"

case 2 => "two"

case 3 => "three"

case 4 => "four"

case 5 => "five"

case 6 => "six"

case 7 => "seven"

case 8 => "eight"

case 9 => "nine"

case 10 => "ten"

case 11 => "eleven"

case 12 => "twelve"

case 13 => "thirteen"

case 15 =>"fifteen";

case n@\_ => s"${numtoword(n-10).stripSuffix("t")}teen"

}

}

**Test Results are in the snapshot:**



