PSEUDOCODE

INPUT “Enter your number: “, inputNumber

INITIALIZE int inputLength= length (inputNumber)

INITIALIZE int counter = inputLength-1

INITIALIZE currentDigit = inputNumber. toCharacterArray()[0]-

While counter!=0

currentDigit=inputNumber.toCharacterArray()[inputLength-counter-1]

If currentDigit!=0

If counter %3==2

If currentDigit==1

outputNumber=outputNumber+” one”

If currentDigit==2

outputNumber=outputNumber+” two”

If currentDigit==3

outputNumber=outputNumber+” three”

If currentDigit==4

outputNumber=outputNumber+” four”

If currentDigit==5

outputNumber=outputNumber+” five”

If currentDigit==6

outputNumber=outputNumber +” six”

If currentDigit==7

outputNumber =outputNumber +” seven”

If currentDigit==8

outputNumber =outputNumber +” eight”

If currentDigit==9

outputNumber =outputNumber +” nine”

If currentDigit!=0 and counter%3 ==1 and currentDigit!=1

If currentDigit==2

outputNumber=outputNumber+” twenty”

If currentDigit==3

outputNumber=outputNumber+” thirty”

If currentDigit==4

outputNumber=outputNumber+” forty”

If currentDigit==5

outputNumber=outputNumber+” fifty”

If currentDigit==6

outputNumber=outputNumber +” sixty”

If currentDigit==7

outputNumber =outputNumber +” seventy”

If currentDigit==8

outputNumber =outputNumber +” eighty”

If currentDigit==9

outputNumber =outputNumber +” ninety”

\\ tens digit is one—these are the teen cases

If currentDigit==1 and counter %3 ==1,

If inputNumber[counter+1]==0

outputNumber=outputNumber+ “ ten”

If inputNumber[counter+1]==1

outputNumber=outputNumber+ “ eleven”

If inputNumber[counter+1]==2

outputNumber=outputNumber+ “ twelve”

If inputNumber[counter+1]==3

outputNumber=outputNumber+ “ thirteen”

If inputNumber[counter+1]==4

outputNumber=outputNumber+ “ fourteen”

If inputNumber[counter+1]==5

outputNumber=outputNumber+ “ fifteen”

If inputNumber[counter+1]==6

outputNumber=outputNumber+ “ sixteen” If inputNumber[counter+1]==7

outputNumber=outputNumber+ “ seventeen”

If inputNumber[counter+1]==8

outputNumber=outputNumber+ “ eighteen”

If inputNumber[counter+1]==9

outputNumber=outputNumber+ “ nineteen”

End If [\\ End](file:///\\End) if for teens

\\ These are the units

inputTenCubed=(int) (inputLength-1)/3

if counter%3==0 and inputNumber[counter-1]==1

outputNumber=outputNumber

if counter%3==0 and inputNumber[counter-1]!=1

if outputNumber==1

outputNumber=outputNumber+ “ one ”

if outputNumber==2

outputNumber=outputNumber+ “ two”

if outputNumber==3

outputNumber=outputNumber+ “ three ”

if outputNumber==4

outputNumber=outputNumber+ “ four”

if outputNumber==5

outputNumber=outputNumber+ “ five ”

if outputNumber==6

outputNumber=outputNumber+ “ six ”

if outputNumber==7

outputNumber=outputNumber+ “ seven ”

if outputNumber==8

outputNumber=outputNumber+ “ eight ”

if outputNumber==9

outputNumber=outputNumber+ “ nine ”

if inputTenCubed ==0

outputNumber=outputNumber+””

if inputTenCubed==1

outputNumber=outputNumber+” thousand“

if inputTenCubed==2

outputNumber=outputNumber+” million

End If[\\End](file:///\\End) if for units

End If [\\End](file:///\\End) If for 0s

Counter=counter-1

End If [\\End](file:///\\End) if for while counter is not 0

Print outputNumber