**Weekly Test 05**

**Problem 01:**

**Input:** Input a number has maximum 3 digits

**Output:** Spell a number to English.

**Algorithm:**

String Int number

{

if number == 0 return "zero";

if number < 0 return "minus " + SpellNumber(Abs(number));

string words = "";

if (number / 100) > 0

words += SpellNumber(number / 100) + "hundred ";

number %= 100;

if (number > 0)

String [] units = { "zero", "one", "two", "three", "four", "five", "six", "seven", "eight", "nine", "ten", "eleven", "twelve", "thirteen", "fourteen", "fifteen", "sixteen", "seventeen", "eighteen", "nineteen" };

String [] tens = { "zero", "ten", "twenty", "thirty", "forty", "fifty", "sixty", "seventy", "eighty", "ninety" };

if (number < 20)

words += units[number];

else

words += tens[number / 10];

if ((number % 10) > 0)

words += "-" + units[number % 10];

return words;

}