Define Terms

* 1. String Roman <- empty string
  2. Int num is users input

Start

1. Ask the user to enter a number between 0 to 3999
2. Store in num
3. If number not between 0 to 3999
   1. Print Invalid Input
4. If the num is valid
   1. While num >= 1000
      1. Roman + “M”
      2. Num - 1000
   2. While num >= 900
      1. Roman + “CM”
      2. Num – 900
   3. While num >= 500
      1. Roman + “D”
      2. Num – 500
   4. While num >= 400
      1. Roman + “CD”
      2. Num – 400
   5. While num >= 100
      1. Roman + “C”
      2. Num – 100
   6. While num >= 90
      1. Roman + “XC”
      2. Num – 90
   7. While num >= 50
      1. Roman + “L”
      2. Num – 50
   8. While num >= 40
      1. Roman + “XL”
      2. Num – 40
   9. While num >= 10
      1. Roman + “X”
      2. Num – 10
   10. While num >= 9
       1. Roman + “IX”
       2. Num – 9
   11. While num >= 5
       1. Roman + “V”
       2. Num – 5
   12. While num >= 4
       1. Roman + “IV”
       2. Num – 4
   13. While num >= 1
       1. Roman + “I”
       2. Num – 1
5. Display Roman