1. Write the INDEC and OUTDEC procedures as instructed in the algorithm of your book (page nos: 167-173).
2. Modify procedure INDEC so that it will check for overflow. [HINT: Use INDEC]
3. Write a program that lets the user enter time in seconds, up to 65535, and outputs the time as hours, minutes, and seconds. [Hint: Use INDEC and OUIDEC to do the I/O.]
4. Write a program to take a number of cents C, 0 <= C <= 99, and express C as half·dollars, quarters, dimes, nickels, and pennies. [Hint: Use INDEC to enter C. ]
5. Write a program to tel the user enter a fraction of the form M/N (M < N), and the program prints the expansion to N decimal places, according to the following algorithm:
6. Print "."
   * 1. Execute the following steps N times:
7. Divide 10 x M by N, getting questent Q and remainder R.
8. Print: Q.
9. Replace M by R and go to step **a**

[HINT: Use INDEC to read M and N.]

1. Write a program to find the greatest common divisor (GCD) of two integers M anci N, according to the following algorithm:
2. Divide M by N, getting quotient O and remainder R.
3. If R= 0, stop. N is the GCD of M and N.
4. If R <> O, · replace M by N, N by R, and repeat step **a**.

[HINT: Use INDEC to enter M and N and OUTDEC to print the GCD.]