Radix Converter Pseudo code

1. **Scanf ()** take input, decimal.
2. **Printf ()** display decimal.
3. **If** decimal >= 0, continue.
4. **Else if** decimal < 0, jump to step 11.
5. **Scanf ()** take input, radix (base).
6. **Printf ()** display radix.
7. **If** radix is less than 10. jump to step 7(run **convertLess ()).**
8. **Else if** radix is 10 or more. Jump to step 8 (run **convertMore ())**
9. **convertLess ()** (if number system does not include letters)
   9.1. **if** decimal > radix. Print base(radix) system equivalent digit using (decimal % radix).
   9.2. Update base using (decimal /= radix)
   9.3. If decimal > radix, return to 7.1.
   9.4. Else if decimal <= radix. Printf () last digit = decimal.
   9.5. Jump to step 1.
10. **convertMore ()** (if number system does include letters)
    10.1. **if** decimal > radix. **If** (decimal % radix) < 10 Print base(radix) system equivalent digit using (decimal % radix).
    10.2. **Else if** (decimal % radix) >= 10, print Letter equivalent.
    10.3. Update base using (decimal /= radix)
    10.4. **If** decimal > radix, return to 10.1.
    10.5. **Else if** decimal <= radix. Printf () last digit = decimal.
    10.6. Jump to step 1.
11. **Print** Exit and terminate code.