1. (Exponention) Write a function integerpower (base, exponent) that returns the value of base^{exponent}

For example , integerPower(3,4) = 3*3*3*3. Assume that exponent is a positive, nonzero integer, and base is a integer. Function integerPower should use for to control the calculation.

2. (Temperature Conversions) İmplement the following integer functions:
a) Function celsius return the Celsius equivalent of a Fahrenheit temperature.
b) Function fehrenheit returns the Fehrenheit equivalent of a Celsius temperature.
c) Use these functions to write a program that prints charts showing the Fehrenheit equivalents of all Celsius temperatures from 0 to 100 degrees, and the Celsius equivalents of all Fehrenheit temperatures from 32 to 212 degrees. Print the outputs in a neat tabular format that minimizes the number of lines of output while remaining readable.