Extra point Week2

July 13, 2018

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In [ ]: # Finger exercise, p.27
        # Print two integers root and its power so it equals to the entered integer

In [34]: x = int(input("Enter an integer: ")) # user`s input
         pwr = 0
         while pwr < 6 : # 0 < pwr < 6
             pwr +=1
             if x < 0:
                 root = x
             else:
                 root = 0
             while root ** pwr <= x:
                 root+=1
                 if root ** pwr == x:
                     print(root, "^", pwr, "=", x) # print two integers root and power root
                 else:   # if no such pair exists state so
                     if x ** 1 != x:  # every number in the power of one equals to itself, but
                         print(x, "No such integer pair exists.") #output

Enter an integer: 256
256 ^ 1 = 256
16 ^ 2 = 256
4 ^ 4 = 256
```