# [202135570 이현지]

# Ex-1. Check Prime Number

import math

def isPrime(n):

    is\_prime = True

    for i in range(2, int(math.sqrt(n)) + 1):

        if n % i == 0:

            is\_prime = False

            break

    if is\_prime:

        print("{} is prime".format(n))

    else:

        print("{} is not prime".format(n))

n = int(input("Check this number : "))

isPrime(n)



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# Ex-2. Dictionary Generation

k = ['Korean', 'Mathematics', 'English']

v = [90.3, 85.5, 92.7]

# new dictionary

d = {}

def makeDict(k, v):

    for i in range(len(k)):

        d[k[i]] = v[i]

    return d

print(makeDict(k, v))

# check key:value correct

for i in range(len(k)):

    print("{} : {}".format(k[i], v[i]))

