Q1

km = float(input("Enter value in kilometers: "))

#Conversion factor

cf = 0.621371

#Calculate miles

miles = km \* cf

#Print the output

print('%0.2f kilometers is equal to %0.2f miles' %(kilometers,miles))

Q2

celsius = float(input("Enter temperature\

in celsius: "))

fahrenheit = (celsius \* 1.8) + 32

print(str(celsius )+ " degree Celsius\

is equal to " + str(fahrenheit )+

" degree Fahrenheit.")

Q3

import calendar

print("Enter Year: ")

yy = input()

print("\nEnter Month Number (1-12): ")

mm = input()

y = int(yy)

m = int(mm)

print("\n", calendar.month(y, m))

Q4

# Solve the quadratic equation ax\*\*2 + bx + c = 0

# import complex math module

import cmath

a = 1

b = 5

c = 6

# calculate the discriminant

d = (b\*\*2) - (4\*a\*c)

# find two solutions

sol1 = (-b-cmath.sqrt(d))/(2\*a)

sol2 = (-b+cmath.sqrt(d))/(2\*a)

print('The solution are {0} and {1}'.format(sol1,sol2))

Q5

x = 5

y = 10

x, y = y, x

print("x =", x)

print("y =", y)