Python programming basic assignment 2:

Q1) km = float(input("enter kilometers "))

miles = km \* 0.62137

print("miles is ", miles)

Q2) celsius = float(input("enter celsius "))

fahr = celsius\*1.8 + 32

print("fahrenheit is ", fahr)

Q3) import calendar

year = int(input("enter year "))

a = int(input("want entire year calendar or month calendar? (enter 1 for entire year and 2 for month) "))

if a == 1:

print(calendar.calendar(year))

elif a == 2:

month = int(input("enter month "))

print(calendar.month(year, month))

Q4) import math

a = int(input("enter coefficient of x^2"))

b = int(input("enter coefficient of x"))

c = int(input("enter constant"))

d = b\*b - 4\*a\*c

if d == 0:

print("first root is ", -b/(2\*a))

print("second root is ", -b/(2\*a))

print("roots are real and same")

if d > 0:

print("first root is ", (-b+math.sqrt(d))/(2\*a))

print("second root is ", (-b-math.sqrt(d))/(2\*a))

print("roots are real and different")

if d < 0:

print("first root is ", -b/(2\*a), "+i", math.sqrt(-d))

print("second root is ", -b/(2\*a), "-i", math.sqrt(-d))

print("roots are imaginery”)

Q5) a = int(input("enter first integer "))

b = int(input("enter second integer "))

a, b = b, a

print("swapped first integer is ", a)

print("swapped second integer is ", b)