1. Write a Python program to convert kilometers to miles?

def km\_to\_miles(km):

try:

miles = km \* 0.62137119

print("Kilometer to miles is ", miles," Miles")

except Exception as e :

print (e)

1. Write a Python program to convert Celsius to Fahrenheit?

def celsius\_to\_fahrenheit(c):

try:

f=(c\*(9/5))+32

print("The temperature in fahrenheit is ",f," degree fahrenheit")

except Exception as e:

print ("The Exception is ",e)

1. Write a Python program to display calendar?

def calender():

import calendar

try :

year=int(input("Enter a year " ))

month=int(input('Enter a month '))

cal = calendar.month(year,month)

print(cal)

except Exception as e:

print(e)

1. Write a Python program to solve quadratic equation?

def solvequadratic():

import cmath

try :

print ("Solve (a\*(x\*\*2)) +(b \* x) +c")

a= int(input("Enter a!=0"))

b=int(input("Enter b"))

c=int(input("Enter a constant c"))

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

root1= (-b-cmath.sqrt(d))/(2\*a)

root2=(-b+cmath.sqrt(d))/(2\*a)

print("The roots are ", root1 ," and ", root2)

except Exception as e :

print("Exception is ", e)

else:

print("Quadratic equation is solved ")

finally :

print ("Close this program")

1. Write a Python program to swap two variables without temp variable?

def swapwithouttemp():

try:

a=int(input("Enter variable 1 "))

b=int(input("Enter variable 2 "))

a=a+b

b=a-b

a=a-b

print("Swaped variables are ", a,b)

except Exception as e :

print("Exception is ", e)

else:

print("Variables are swapped")

finally:

print('Close this program')