P21-8004\_(AMMAR RAZA)

1. **Write a function that takes quantity in pounds and convert it into gram and kilogram Reflect the concept of required argument.**

***Code:***

# take input

pound=float(input("Enter the pound you want to convert it into gram and kilogram "))

# function of conversation of pound into gram and kilogram

def convertation(pound):

gram=pound \* 453.59237

kilogram=pound\*0.454

print("Gram=",gram)

print("kilogram=",kilogram)

convertation(pound)

***output***

Enter the pound you want to convert it into gram and kilogram 5.2

Gram= 2358.6803240000004

kilogram= 2.3608000000000002

1. ***Write a function that takes two numbers and perform all arithmetic operations.***

***Function should have default arguments set to 1, 1 Addition***

***● Subtraction***

***● Division***

***● Multiplication***

**CODE**

#set the defaut value of argumets

def calculations(a=1,b=1):

# apply the arthematic opertion

addition=a+b

sub=a-b

multiply=a\*b

division=a/b

print(addition)

print(sub)

print(multiply)

print(division)

#call function

calculations()

**OUTPUT**

2

0

1

1.0

3. Write a function that takes seconds from the user and displays the time in Hours,

minutes and seconds’ format. E.g. if the user enters 3700, the output of the program

should be

1 Hour 1 minute and 40 seconds.

**CODE**

**def timeconversation(str):**

**time=int(input("enter the value of time:"))**

**hours=int(time//3600)**

**time2=int(time%3600)**

**min=int(time2//60)**

**sec=int(time2%60)**

**print(hours , min , sec )**

**timeconversation(str)** **def timeconversation(str):**

**time=int(input("enter the value of time:"))**

**hours=int(time//3600)**

**time2=int(time%3600)**

**min=int(time2//60)**

**sec=int(time2%60)**

**print(hours , min , sec )**

**timeconversation(str)**

**output**

enter the value of time:3700

1 1 40