HRITTIKA GANDHI

TASK 2

ASSIGNMENT 2

1)

a = float(input(" Please Enter the First Value a: "))

b = float(input(" Please Enter the Second Value b: "))

i = 1

while(i <= a and i <= b):

if(a % i == 0 and b % i == 0):

gcd = i

i = i + 1

print("\n HCF of {0} and {1} = {2}".format(a, b, gcd))

0/P

Please Enter the First Value a: 5

Please Enter the Second Value b: 15

HCF of 5.0 and 15.0 = 5

>

3)

import re

p= input("Input your password")

x = True

while x:

if (len(p)<6 or len(p)>12):

break

elif not re.search("[a-z]",p):

break

elif not re.search("[0-9]",p):

break

elif not re.search("[A-Z]",p):

break

elif not re.search("[$#@]",p):

break

elif re.search("\s",p):

break

else:

print("Valid Password")

x=False

break

if x:

print("Not a Valid Password")

O/P

Input your passwordHrittika@123

Valid Password

4)

import string, os

if not os.path.exists("letters"):

os.makedirs("letters")

for letter in string.ascii\_uppercase:

with open(letter + ".txt", "w") as f:

f.writelines(letter)

5)

with open('abc.txt') as fh1, open('test.txt') as fh2:

for line1, line2 in zip(fh1, fh2):

# line1 from abc.txt, line2 from test.txtg

print(line1+line2)