1. Write a program in Python to allow the error of syntax to be handled using exception handling.

HINT: Use SyntaxError

try:  
 while true print ("hello")  
except:  
print("invalid Syntax")

2. Write a program in Python to allow the user to open a file by using the argv module. If the

entered name is incorrect throw an exception and ask them to enter the name again. Make sure

to use read only mode.

from sys import argv  
a,file\_name = argv  
print("name of the program is: ",a)  
print("name of the file is: ",file\_name)  
try:  
 fn=open(file\_name,'r')  
 fn.read()  
 fn.close()  
except:  
 print("sorry you have print wrong file name")

3.Write a program to handle an error if the user entered a number more than four digits it should

return “The length is too short/long !!! Please provide only four digits”

n=intput("input four digit number")  
if len(n)> or len(n)<4:  
 raise Exception ("The length is too short/long !!! Please provide only four digits")

4. Create a login page backend to ask users to enter the username and password. Make sure to

ask for a Re-Type Password and if the password is incorrect give chance to enter it again but it

should not be more than 3 times.

username= 'Mahima'  
password='star'  
  
if input("Enter username:")==username :  
 for i in range(3):  
 if input("Enter Password:")==password:  
 print("go to next level")  
 break  
 else:  
 print("wrong password type again")  
 pass

5. 6. Read doc.txt file using Python File handling concept and return only the even length string from

the file. Consider the content of doc.txt as given below:

Hello I am a file

Where you need to return the data string

Which is of even length

Make sure you return the content in The same link as it is present.

def check\_even(s):  
 if (len(s)%2)==0:  
 return True  
 else:  
 return False  
  
with open("doc", "r") as f:  
 x = f.read()  
 x = x.split("\n")  
 print(x)  
 for i in range(len(x)):  
 z = x[i].split(" ")  
 for ii in z:  
 if check\_even(ii):  
 print(ii)