ASSIGNMENT 46

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Batch : 3

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Source Code

import re

class Error(Exception):

pass

class id\_fail(Error):

#student id is not just digits

pass

class name\_fail(Error):

#student id is not just digits

pass

class feeamt\_fail(Error):

#student id is not just digits

pass

student\_id = input("Enter the Student ID: ")

try:

student\_id\_check = re.findall('[^0-9]', student\_id)

if(len(student\_id\_check) > 0):

raise id\_fail

else:

student\_name = input("Enter the Student Name: ")

try:

student\_name\_check = re.findall('[^A-Z]', student\_name, re.IGNORECASE)

if(len(student\_name\_check) > 0):

raise name\_fail

else:

accept\_fees = input("Enter the fee amount: ")

try:

accept\_fees\_check = re.findall('\.', accept\_fees)

if(len(accept\_fees\_check) > 1):

raise feeamt\_fail

elif(len(accept\_fees\_check) == 1):

before, after = accept\_fees.split('.')

if(len(after)>2):

raise feeamt\_fail

else:

student\_email = student\_name + "@ABC.com"

print()

print("The Student ID is: ", student\_id)

print("The Student Name is: ", student\_name)

print("The Fee Amount is: ", accept\_fees)

print("The Student Email is: ", student\_email)

else:

student\_email = student\_name + "@ABC.com"

print()

print("The Student ID is: ", student\_id)

print("The Student Name is: ", student\_name)

print("The Fee Amount is: ", accept\_fees)

print("The Student Email is: ", student\_email)

except feeamt\_fail:

print("The Fee Amount is incorrect")

except name\_fail:

print("The Student Name is incorrect")

except id\_fail:

print("The Student ID is incorrect")

Output

