Class-2:

Variable Naming Conventions:

'''

Variable Naming Conventions:

Our variable names should be meaningful. If we spell, they should spell easily

There are two naming conventions

1. Camel Case Notation:

If we have multiple words, the first word will be small, the first letter of each other word is capital

if we want to save student first name,student last name, student email, student phone

We can name this data variables as

studentFirstName

studentLastName

studentEmail

studentPhone

2. Pascal Case Notation:

In pascal case, the first letter of every word is capital

if we want to save student first name,student last name, student email, student phone

We can name this data variables as

StudentFirstName

StudentLastName

StudentEmail

StudentPhone

3. Mixed Case

We can write any meaningful name

stuFirstName or

stufname or

student\_first\_name or

stuFN

'''

Program-1

Camel Case:

#Declare and define variables in camel case

#put the data

studentFirstName="Ali"

studentLastName="Ahmed"

studentEmail="ali@gmail.com"

studentPhone="123456"

#show the data on output

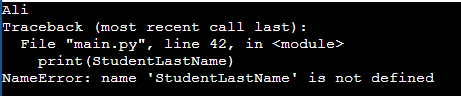
print(studentFirstName)

print(StudentLastName)

print(studentEmail)

print(studentPhone)

When we compile our program, it will throw an error



If we look at the second line, it says the file name main.py

This is the file name where the code is written

Third line shows the statement where the error occurs

Fourth line is the actual error detail, we can easily see there is error in StudentLastName

What is the error?

Can you figure out?

The letter S should be small. Why?

Because

1. Python is case sensitive (It distinguishes the upper and lower case) capital S is not equal to small s
2. The variable name we have declared on top is started with small s not with capital S

Lessons:

1. Python is case sensitive
2. The variable names should be same as we declare (case same)

Program-2

Pascal Case:

#Declare and define variables in pascal case

#put the data

StudentFirstName="Ali"

StudentLastName="Ahmed"

StudentEmail="ali@gmail.com"

StudentPhone="123456"

#show the data on output

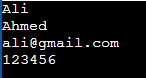
print(StudentFirstName)

print(StudentLastName)

print(StudentEmail)

print(StudentPhone)

Output:



Program-3:

Mixed Case

#Declare and define variables in mixed case

#put the data

Student\_First\_Name="Ali"

StuLastName="Ahmed"

studentemail="ali@gmail.com"

StuPh="123456"

#show the data on output

print(Student\_First\_Name)

print(StuLastName)

print(studentemail)

print(StuPh)

