the roomstant our

what is PEP ?

and to went the con appropriate

The pup Is an abbutvation journ of python Enturphis purposal whiting code with purpor logic is a key factor of programming, but many other important journs an appet the code quality. The dumopers coding style makes the code much unliable, of away should keep in mind that python stylety follows the may of order of format of the string adaptive a nice coding style makes the code more madeable. The code means easy for end user.

Pip 8 is a downint that puovides various quiddines to with the madable in python. PEP 8 describe how the dealoper can write beautique cock. It was afficulty wellting in 2021 2001 by quido van Rossum, Barry more aw a nick coghian. Are main aim of PEP is to inhance the modabinity a consistency of code

Why PEP 8 is important?
PEP 8 inhanus the madability of python whi, but why is madability so important? will undurstand this would

water of python, quido van nomin said, "code is much more of the than it weither." The code can be written in a per minutes, for hours, on a whole day but one or have written the code, we will never survive it again.

But sometimes un need to mad the wode again q

At this point we must have an idea of why we work the partitional line in code. The code should reflect the meaning of each line. That why headability is so much important.

abution code that can be read by other as well.

Naming Conventions:

Maibreyt Radhan

FAIT ROLL MOTH

Drin au aurite the code, au nud to assign name to many things such as variables, functions, classes, packages of a lot more things. Situting a proper name will saw time of energy when we look back to the file after sometime, we can easily recall what a writing saviable, function or a class represent Dancopure should avoid choosing inappropriate names.

the naming convention in python is stightly musy, but there are cutain conventions that we can follow easily.

more on a than it western." And with a to were

RO11 no: 4 mample %planing controling company single lowercase letter a = 18 10 mg pm - Human ich han blunds ich and mondy on volume with finalised single appereau letter A = 10 east should up a course yourse Midolstol LOWINGS INTO STANDED AND HOUSE ISDINGS Var = 10 of the au damped no tohony the woodestilled LOWER_ CULL - with_ underscomes number of approx = 5 name should be model madel. upperior torons to all their MONTH WITH MOUNTAINE VAR = 6 NUM- DECLARS = 20 Main Mill 100 Mills סה הקומת שבוענג אם (apatalizedwords Numbur of books = 100 THE SHOULD HOUR O MY SHOULD TO

- 4				
D.I	$\alpha \infty$	V.	-11	
121			- A H	411
um				7.11

Тург	Naming conventions char	npus.
	COMPANDED TO STATE OF THE STATE	
Bunctions	cust words or separate my bu	hon
	cusi words or sipurat my- bu	nition
	monds by under scores	ughia
		OFA
Janiable	un should use a a, vay,	variable.
	www.cuse words, name	KOMINE
	or repurah words to	VOH = I
	enhance the madability	
	amar and an and an arms	HILLON
uass	me pinst with of dass mydass	
	name should be caparal- model.	
Service Control	izad. do not sipulat	поданая
	words with underscore	de Siau
Mithod	we should use a class n	uthol
	10 mus case when, words, method	o room
	or appeals worlds to	
	inhanu madability	(gonerni)
	Of books = 100	
wastant	we should we a short mywas.	
The state of the s	uppercasi litter, words constant	
	on sipurati monde to my un	ISTANT
The same of the sa	inhanu madability	

F:000 11071	Roll no. 4
moduli	un should us a lower module_name.py,
The last the	case letter, words, on moduli, py
	sipurah words to inhana
THE COLUMN TWO	madabiling
	0
Paikagi	we should use lowercase package, myparkage
0	ICHUS, MONDE ON SIDURAL
	wonds to inhany the
miss lane on	madability. Do not upwan
AHHOUR WILL	words with andusions
F IN FRIM. This	munty if the condition of it viations
	omi common naming conventions that are
	autify the python tode for additional
	u should thoon the name carefully.
10	MOON ST STORY
Lode Layout.	
was rayous.	we are the table to proved
M. rod lave	aut distant have consult and its wordship. In
The war rage	out dignes how much code is maduble. m
mis kunon, u	u will have how to use whitespace to
Improvi mai	madability of the to the sings
	and the second to the second t
Idintation	remiented formand in bures.
	too we the Advanceion to used to
unlike other	punguamming languages, the identation is used to
diffine the code	Block in python. The identition are the
important par	it of the python punguamming language of it
ditymine the	lad of the of tode generally at the
the 4 span for	n idintation.
1 0	

HIR understand the following eg 6-

iq:

21 = 5

THE MEETS CHAMMON THE BROOKS TO

phint ('m is lauger than 50)

HUMADO THE . DO NOT LIGHTLED

In the above example, the indinted parint statement will get unusual if the condition of it statement is them. This identation depicts the code block of the what statement consults when a pentition is called on condition thinggrad

* Tabs vs span

we can also use the tabs to provide the consequence space to indicate the identation but white space are most preparable. python 2 culous the mining of tabs of space. But we will get an owner in python 3.

Identation following line break.

It is usinhia to use identation when using line continuation to keep the lines to fewer than 19 characters. It provides the funability to determining between two lines g code & a ringer line of code that entrade two lines.

the 4 states for identified

HA Undustand the following mample. # consist way: w a light way and the agen a sing the or country to quote comme without to anthony our plants or have buy # Aligned with opining delimites. Obj = func_name (augument_one, augument_two, augument_thrue, anguimint_four we can use the following structure: :(4,0) blood # first line downt how any argument # we add a spaus from the swond line to disviminate argument from the rust det punition-name (list of markang the signis augument_one, augument_two, augument_three, augument_town): print (augument-tuo) # 4 span identation to add a hour foo = long-function-name (varione, varience, war tuo, var muce, var- jours) CHARLETON DECEMBER OF STATES OF STATES OF STATES OF STATES provide south & reprised to the standard & files among

out purificultion to the mutinished

python allows us to butak line bytome on alter a binary operator, as long as the convention is consistently locally

impositing touch module:

we should imposit the modulus in the signed line as

import os

Plow Joh

шнопд

we can also use the following approach

from subprouss import Popin, PIPE

in imposit statement should be written at the top of file on just after any module comment. Absolute imposes are succommended because they are more readable of and to be better behaved.

How b. while import sibling mample mample was mample import mample

од аблошь ітронь, сригащ draving шінь готрем ракоди

Blank 11 nus-

Blank linu ain be improve the madability of python tode. If many linu of a code bunched together the code will become hander to mad we are number this by using the many blank within linus, of the mader might ned to such more than newsary. Follow the below instructions to add vertical whitespan.

Top mus punction of dasses with a line - miles

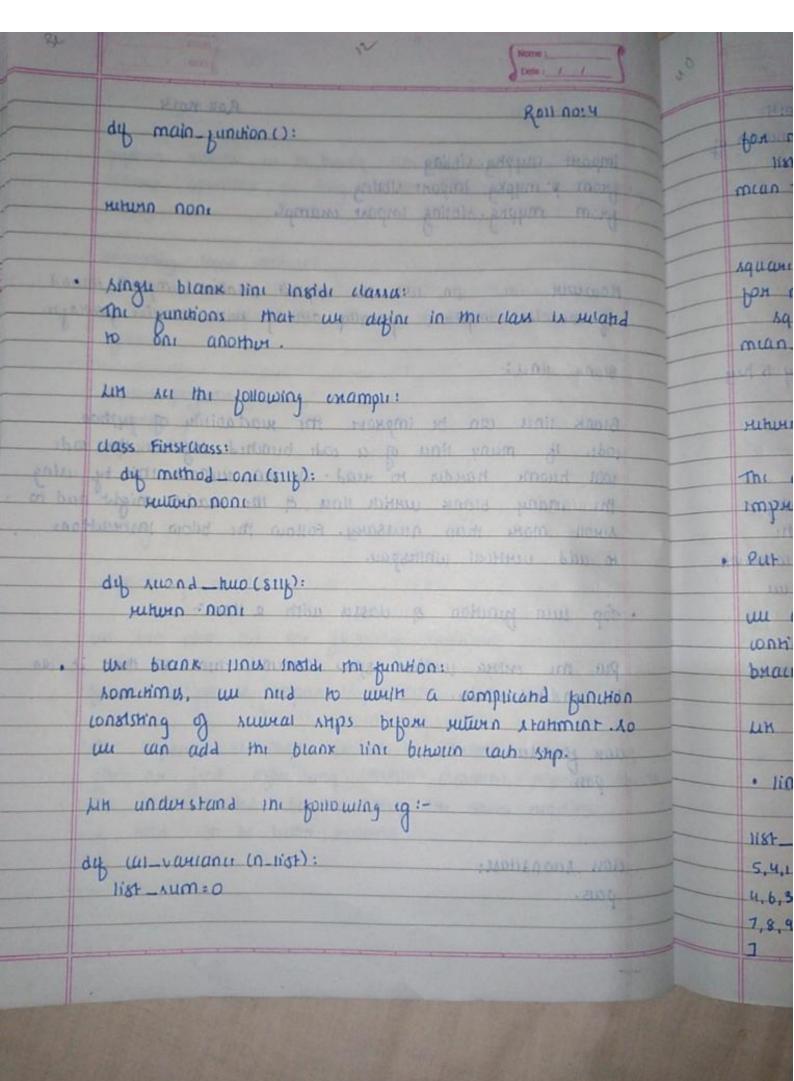
put me entra unitical span around them so that it can be understandable.

class ginst-classes amond now apply let the am me

the number of the following of --

dy mond, huc (sup):

pass.



RO11 10: 4 tou or lond-1121; then many hours in the last 1187_AUM = 1187_AUM+0 mun = list_sum | un (n_1181) Aquari _ Aum = 0 HOM n in n-1181: square_sum = square_sum + 0442 mean_squares = square_sum/un(n_list) Both mitheds are witched to ass but consisting is to tiction waters a me was regard of Hiturn mean_ squares - mean + 2. (option (option) The above may an an remove the whinespace to improve madability of wed to the de anomal Put doxing braws have between the many anyone can be care to undurated the code sere un un can bruak ilnus inside parenthusu brackets using line continuations. PEP8 amount us to use dosing brackets braces in imprise 1100 continuations un understand this mample. · line up the closing beau with the biast non-whitespau 1187_numbers = [5,4,1 4.6,3 7,8,9

Roll no: 4 Mon tok inc up the norting braw with the first character of CALLON DU LOUIS DOLL COM 118t_ numbus : [5,4,1, 4,6,3. 7, 8, 9, SQUONE SUM = LQUONE SUM > 0" 2 C (air of and rous - sound - sound - anim Both methods wer suitable to use, but consisting is key to thoose any one of continue with it * Comminns & the about subject on sumore the whole part common are the intigral gart of any programming language. Thus are the but may to explain the wdi. when we downished our was with purpor womanh anyone can be able to understand the code. But we should summber the follouing point. CONTRACTORS PER 8 CULDUR US TO UN CIDADO SHORE · start with the capital litter, of white complit intenses · updan me comment in cour of change of code. · umit me line length of comments of doestring to 12 charatus. I PRIdmin - 1811

Block comment :-

consider the way depression and miles Block commint are the good those for the small suiton suurai ilni wan to purporm a single auton such as invaring a loop. They hip who understand the gurgon of the wde.

with remains an used to corplain the stages states PEP 8 phovides the following them to white comment block

idint block comment should be at me same luce!

Start each line with # pollowed by a single space

separat line using #. wayour paramo inin

un sa me following was

for i in mand (0'2):

Loop will iteran over i fine Home a print out the. value region which that half in in the or so

sulpuning in the manning

new dian character of the and the work was tainano inini m milan

paint (i, '\n'). of a "Paris Superio" The 15 a socialist arome. we can use more man paragraph for the technical

Lin andwittend in gordaling todaling todaling todaling

in a pieu of code we can quickly get the idea of why cur whom that particular wine of code. PEP 8 specific me for powing rule for mine comment

- · start commins with the # & single space
- · Use inline comming carefully
- as the statement my refer

Joilowing is the enample

a= 10 # The a is variable that holds integer value.

sometimes, un con use the naming convention to

n . "Peter Duosta" # This is a student name.

we can use the following naming convintion

Atuaint name = Peter Duosta'

inline comminh are usinial but block commins make the

* Avoid unnussary adding whitespace

In some cases, use of whitespace can make the wolf much hander to read. Too much whitespaces can make code ownly sparse of different to understand. We should avoid adding whitespaces at the end of a line. This is known as trailing white spaces.

Amilian rusks in python in mis -: wigners will say.

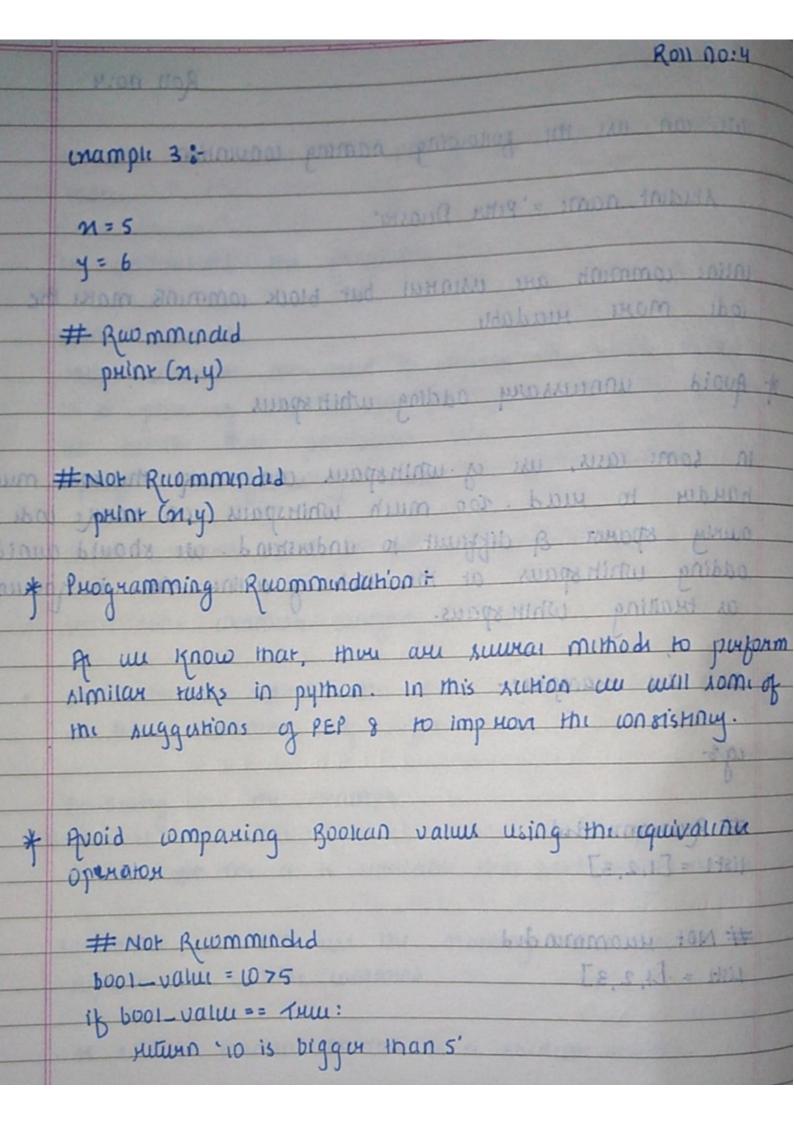
igo-

Renommended in the month principle of the state of the

Not sucommended Histi = [1,2,3]

Proj : juibu tood

: Mak sa thinh had



Jamasia in an

bilammana #

Ruomminded

118+1 = []

15 not 118+1:

Pinn non

PHINT ('List is imphy!')

This mythod is more appropriate that why PEPE incourage it.

Don't use not is in it statiment

Thus are two options to that whither a variable has a

diffined value. The first option with ress not none

#Recommended

ign isomot noncialides with at their

HIRLYN MINISH!

suond opion to waluar n is none.

Not Ruomminded belowmany ton

if not n is Nonc:

ל מסי עם לואצון: יוֹמוּצוּוֹנִי אי חישוא או

Both options are consult but the first one is simple.

confounds may to think.

Clycom at 1841) +mine