

Lab Examination.

Course Name: AI Sessional

Course Code: 312

ID NO: 200222013

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01-NO question solⁿ

Q Write a Python Program to find the third ^{height} highest element.

#1

num = [2, 3, 7, 4, 5, 6, 10, 11, 120]

#2

height_num = num[0]

Second_height_num = num[0]

Third_height_num = num[0]

#3

for i in num:

#4

if i > height_num:

Third_height_num = Second_height_num

Second_height_num = height_num

height_num = i

#5

~~else if~~

elif i > Second_height_num:

Third_height_num = Second_height_num

Second_height_num = i

#6

elif i > Third_height_num:

Third_height_num = i

#7

Print("Third height number of the list is {}".format(Third_height_num))

Q2-NO question & Answer

Q Why is Python the fastest language?

Ans: Python is a very popularity language of programming world. It is a very suitable programming language.

Further, Python is the fastest language, because of Python is a dynamically typed programming language, it compiles faster than other language but runs slower.

Q3 - NO question Answer

Q How can you differentiate between Python and R?

Ans:
I can differentiate between Python and R below:

Python	R
1. Python is a general purpose programming language.	1. R is a statistical programming language.
2. Python is used for a wider range of tasks, such as web development, machine learning etc.	2. R is used for the other hand, is primarily used for statistical analysis & data visualization.
3. Python is launched in 1991.	3. R is launched in 1992.
4. It is in the TIOBE index and the PYPL Index.	4. It ranks 11 th and 7 th position in the TIOBE index and the PYPL Index, respectively.
5. Python are hosted in the Python Package Index (PyPI).	5. R packages are normally stored in the Comprehensive R Archive Network (CRAN).