

## NPTEL

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## Courses » Joy of computing using Python



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# Unit 10 - Week 8: Cool Ideas(Part 6)



Register for Certification exam

# Course outline

How to access the portal

Week 1: Introduction

Week 2: Introduction to Python

Week 3: Cool Ideas (Part 1)

Week 4: Cool Ideas (Part 2)

Week 5: Cool Ideas (Part 3)

Week 6: Cool Ideas (Part 4)

Week 7: Cool Ideas(Part 5)

Week 8: Cool Ideas(Part 6)

- Tuples- PythonData Structure
- LotterySimulation -Profit or Loss
- O Lottery
  Simulation Profit or Loss Part 01
- O Lottery
  Simulation Profit or Loss Part 02

## **Assignment 8**

The due date for submitting this assignment has passed. Due on 2019-03-27, 23:59 IS

## Assignment submitted on 2019-03-27, 22:44 IST

1) Which of the following statements is correct about NLTK?

1 point

- NLTK stands for Natural Language Tooling Kit.
- NLTK is used for language processing.
- NLTK can be used to process images.
- All of the above

Yes, the answer is correct.

Score: 1

### **Accepted Answers:**

NLTK is used for language processing.

2) Which of the following does CLAHE use to enhance the images?

1 point

- Histogram Equalisation
- Median Filtering
- Mask Filtering
- None of the above.

Yes, the answer is correct.

Score: 1

#### **Accepted Answers:**

Histogram Equalisation

3) Predict the sentiment of the statement below.

1 point

1 point

SCCI labs of IIT Ropar deals with research areas related to Social Computing.

- Positive
- Negative
- Neutral

Yes, the answer is correct.

Score: 1

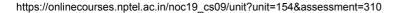
### **Accepted Answers:**

Neutral

4) State True or False.

Sum of ascii values of two anagrams is always same.

- True
- False



Cottery Simulation - Profit or Loss -	Yes, the answer is correct. Score: 1
Part 03	Accepted Answers:
Lottery	True
Simulation - Profit or Loss - Part 04	5) State True or False.  1 point If the sum of ASCII values of two strings is same, then these two strings are anagrams.
Cottery Simulation - Profit or Loss -	<ul><li>True</li><li>False</li></ul>
Part 05	Yes, the answer is correct. Score: 1
Cuttery Simulation - Profit or Loss - Part 06	Accepted Answers: False
○ Image	6) Which of the following matrices has transpose same as the matrix itself?
Processing - Enhance your	identity Matrix
images	Zero Matrix
○ Image	Either A or B
Processing - Enhance your images - Part	<ul><li>Both Aand B</li><li>No, the answer is incorrect.</li></ul>
01	Score: 0
Image	Accepted Answers:  Identity Matrix
Processing - Enhance your images - Part	7) Which of the following statements is true in case of tuple t=(10,20,30,90)? <b>1 point</b>
02	○ t[4]=40
<ul><li>Image</li><li>Processing -</li></ul>	t[3]=40
Enhance your	t[len(t)-1]=40
images - Part 03	None of the above
O Anagrams	Yes, the answer is correct. Score: 1
Anagrams - Part 01	Accepted Answers: None of the above
O Anagrams - Part 02	8) What is the output of the following statement if tuple t=(1,2,3,4)? <b>1 point</b> t[1:]
O Anagrams - Part 03	<ul><li>(2,3,4)</li></ul>
Facebook	(1,2,3,4)
Sentiment	(3,4,1)
Analysis	(1,2,3)
<ul><li>Facebook</li><li>Sentiment</li></ul>	Yes, the answer is correct.
Analysis - Part	Score: 1
01	Accepted Answers:
Facebook	(2,3,4)
Sentiment Analysis - Part 02	9) Consider the scenario below: <b>1 point</b> Ram wants to play a lottery game in which he has to choose one ticket out of 10 tickets. If the ticket
○ Facebook	chosen by the participant is 9, then he wins 500\$. The price for playing the lottery game is 100\$. Ram
Sentiment Analysis - Part	decides to play this game 10 times in order to guarantee his win. Would you advise him to play this game?
03	○ Yes
Facebook	No
Sentiment Analysis - Part	Can't say
04	
Programming	Yes, the answer is correct. Score: 1
Assignment - 1:	

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Duplicate Elements

- Programming Assignment-2: Panagrams
- Programming Assignment-3: Vowels
- Quiz : Assignment 8
- Week 8Feedback Form

Week 9: Cool Ideas(Part 7)

Week 10: Cool Ideas(Part 8)

Week 11

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TEXT TRANSCRIPTS **Accepted Answers:** 

No

10Find out the anagrams present in the following sentences.

1 point
One day, When I was going through my old stuff, I found my old study table. Though It was damn dusty, but still i could read the stupid stuff that i used to write on it as a kid.

- year and ear
- night and thing
- dusty and study
- There is no anagram present in the given sentences.

Yes, the answer is correct.

Score: 1

**Accepted Answers:** 

dusty and study









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