

### MPTEL

rajeshborate08@gmail.com ▼

### Courses » Joy of computing using Python



Announcements

Course

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# Unit 7 - Week 5: Cool Ideas (Part 3)



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)

- Introduction to Dictionaries
- O Speech to Text : No need to write 01
- Speech to Text : No need to write 02
- O Speech to Text : No need to write 03
- Monte Hall : 3 doors and a twist 01
- Monte Hall : 3 doors and a twist 02
- Rock, Paper and Scissor : Cheating not allowed !! 01

## **Assignment 5**

The due date for submitting this assignment has passed. Due on 2019-03-06, 23:59 IS

### Assignment submitted on 2019-03-06, 21:48 IST

1) In Rock, Paper and Scissors game, if one of the players shows Rock then

1 point

- He is guaranteed to win the game
- He is guaranteed to lose the game
- The game will result in a draw
- He is guaranteed to win if the other player shows Scissors

Yes, the answer is correct.

Score: 1

### **Accepted Answers:**

He is guaranteed to win if the other player shows Scissors

2) Which file format is supported by Python Speech Recognition library?

1 point

- mp3
- wav
- Both A and B
- None of the above

Yes, the answer is correct.

Score: 1

#### **Accepted Answers:**

wav

3) Which of the following statements is true about Monte Hall Game?

1 point

- In Monte Hall Game with 3 doors, two of the doors comprise of goat and one of the doors comprises of BMW.
- In Monte Hall Game with 3 doors, the host opens a door having goat.
- In Monte Hall Game with 3 doors, the player is given a chance to change his choice after the host opens one of the doors comprising of goats.
- All of the above

Yes, the answer is correct.

Score: 1

### **Accepted Answers:**

All of the above

4) Which of the following libraries is used in Python to convert Speech to Text?

1 point

- SpeechRecognition
- SpeechtoText

1019	by or computing using 1 yulion office 7 - week 3. Good ideas (1 art 3)	
Rock, Paper and Scissor : Cheating not	<ul><li>TexttoSpeech</li><li>None of the above</li></ul>	
allowed !! 02	Yes, the answer is correct.	
Rock, Paper	Score: 1	
and Scissor :	Accepted Answers:	
Cheating not allowed !! 03	SpeechRecognition	
allowed !! 03	5\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Rock, Paper	5) What should be the output if the array [10,20,30,40,50] and the element to be searched 10	0 1 pc
and Scissor :	are passed as an argument to the Linear Search function?	f
Cheating not allowed !! 04	The output should be 50.	
allowed !! 04	The output should be 100.	<b>y</b>
<ul> <li>Sorting and</li> </ul>		
Searching : 20	The element is not present in the list should be the output.	<b>&gt;</b>
questions game 01	The program should shut down abruptly.	
01	Yes, the answer is correct.	•
<ul> <li>Sorting and</li> </ul>	Score: 1	ir
Searching : 20		
questions game 02	Accepted Answers:	g.
	The element is not present in the list should be the output.	U
Sorting and	6) The number of swapping required to sort the array [8, 22, 7, 9, 31, 19, 5, 13] in	1 point
Searching : 20 questions game	ascending order using Bubble sort is	
03	3 · · · · · · · · · · · · · · · · · · ·	
- 0 1' 1	O 11	
<ul><li>Sorting and</li><li>Searching : 20</li></ul>	O 12	
questions game	O 13	
04	<ul><li>14</li></ul>	
O Sorting and		
<ul><li>Sorting and</li><li>Searching : 20</li></ul>	Yes, the answer is correct.	
questions game	Score: 1	
05	Accepted Answers:	
<ul> <li>Sorting and</li> </ul>	14	
Searching : 20	7) 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
questions game	7) Which of the following is a prerequisite to apply Binary Search on an array?	1 point
06	The array should be sorted in ascending order.	
<ul> <li>Sorting and</li> </ul>	The array should be sorted in descending order.	
Searching: 20	Either A or B	
questions game		
07	None of the above	
<ul> <li>Sorting and</li> </ul>	Yes, the answer is correct.	
Searching : 20	Score: 1	
questions game 08	Accepted Answers:	
	Either A or B	
<ul> <li>Programming</li> </ul>		
Assignment-1: Cab and walk	8) Consider the <b>secure</b> Rock Paper Scissors game.	1 point
Cab and want		
<ul><li>Programming</li></ul>	Assume for both the players:	
Assignment-2: End-Sort	0->Rock	
Eliu-Suit	1->Paper	
Programming	2 ->Scissors	
Assignment-3: Semi Primes		
Semi Phines	Player 1's input : 1000010210	
Ouiz:	Player 2's input : 1012010211	
Assignment 5	What was 20	
○ Week 5	Who won?	
Feedback Form	O Player 1	
Week Co Cool	Player 2	
Week 6: Cool Ideas (Part 4)		
14643 (Fait 4)	- Blaw	
Week 7: Cool	Data Insufficient	
Ideas(Part 5)	Yes, the answer is correct.	
	Score: 1	

2019	Joy of computing using Python Unit 7 - Week 5: Cool Ideas (Part 3)	
Week 8: Cool	Accepted Answers:	
Ideas(Part 6)	Data Insufficient	
DOWNLOAD	9) Consider the <b>secure</b> Rock Paper Scissors game.	1 p
VIDEOS	Assume for both the players:	
TEXT	0->Rock	
TRANSCRIPTS	1->Paper	
	2 ->Scissors	
	Player 1's input : 1000010210	
	Player 2's input : 1012010211	
	Secret bit of Player 1: 0	
	Secret bit of Player 2: 2	
	Who won?	
	O Player 4	
	Player 1	
	Player 2	
	• Draw	
	O Data Insufficient	
	Yes, the answer is correct. Score: 1	
	Accepted Answers:	
	Draw	
	10In the simple Monte Hall game, we had 3 doors and 1 door contained a prize. The player has to guess which door could possibly contain the prize. That door would be opened and if it cont the prize he wins it.	<b>1 p</b> tair
	If more doors are added, the player has more choices to guess. What do you think will happen to t probability (i.e. chance) of winning if more doors are added?	he
	O Increases	
	Decreases	
	None of the above	

Yes, the answer is correct.

Score: 1

**Accepted Answers:** 

Decreases

Previous Page

End

1 point

1 point

and if it contains

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