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NPTEL

Courses » The Joy of Computing using Python

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Unit 9 - Week 7: Cool Ideas(Part 5)

Course outline

How to access the portal

Pre-requisite assignment

Week 1: Introduction

Week 2: Introduction to Python

Week 3: Cool Ideas (Part 1)

Week 4: Cool Ideas (Part 2)
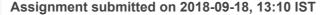
Week 5: Cool Ideas (Part 3)

Week 6: Cool Ideas (Part 4)

Week 7: Cool Ideas(Part 5)

● Snakes and Ladders - Not on the Board

● Snakes and Ladders - Not on the Board - Part 01

● Snakes and Ladders - Not on the Board - Part 02

● Snakes and Ladders - Not on the Board - Part 03

Assignment7

The due date for submitting this assignment has passed. **Due on 2018-09-19, 23:59 IST.**

Assignment submitted on 2018-09-18, 13:10 IST

1) What would be the next cell in a 10*10 matrix that should be displayed after (1,10) for spiral traversing animation?   *1 point*

- ⦿ (2,10)
- ○ (10,10)
- ○ (1,9)
- ○ (2,2)

Yes, the answer is correct.
Score: 1

Accepted Answers:
(2,10)

2) Which of the following methods is not defined in turtle module of Python?   *1 point*

- ○ backward()
- ○ right()
- ○ left()
- ⦿ ahead()

Yes, the answer is correct.
Score: 1

Accepted Answers:
ahead()

3) What is the correct sequence of cells in a 5*5 matrix that should be displayed for spiral traversing animation?   *1 point*

- ○ (1,2), (2,2), (3,5), (5,5), (4,5)
- ⦿ (1,4), (1,5), (2,5), (3,5), (4,5)
- ○ (1,5), (2,5), (3,5), (5,5), (4,5)
- ○ (2,3), (2,4), (2,5), (1,5), (3,5)

Yes, the answer is correct.
Score: 1

Accepted Answers:
(1,4), (1,5), (2,5), (3,5), (4,5)

4) Which of the following libraries shall help plot latitude longitude position on Google Maps? *1 point*

○ plot
◉ gmplot
○ gplot
○ pyplot

Yes, the answer is correct.
Score: 1

Accepted Answers:
gmplot

5) Which of the following statements is true about Snakes and Ladders?   *1 point*

○ Snakes shift the player's position from downwards to upwards
○ Ladders shift the player's position from upwards to downwards
○ Both
◉ None of the above

Yes, the answer is correct.
Score: 1

Accepted Answers:
None of the above

6) Which of the following commands is used to list the Python libraries present in Anaconda?   *1 point*

○ conda show
○ conda display
◉ conda list
○ None of the above

Yes, the answer is correct.
Score: 1

Accepted Answers:
conda list

7) What are the dimensions of the matrix that is used to simulate snakes and ladders game?   *1 point*

○ 5*5
○ 100*100
○ 50*50
◉ 10*10

Yes, the answer is correct.
Score: 1

Accepted Answers:
*10*10*

8) Which of the following packages are used to import an image in Python?   *1 point*

◉ PIL
○ pandas
○ nltk
○ None of the above

Yes, the answer is correct.
Score: 1

Accepted Answers:
PIL

9) Which of the following Python modules can be used for animations?   *1 point*

◉ turtle
○ gmplot

○ textwrap

○ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

turtle

10) Which of the following scenarios is considered as a win in snakes and ladders?   *1 point*

○ When one of the players climbs up a ladder, it is considered as a win.

○ When one of the players rolls a six, it is considered as a win.

◉ When one of the players reaches 100th cell, it is considered as a win.

○ None of the above.

Yes, the answer is correct.

Score: 1

Accepted Answers:
When one of the players reaches 100th cell, it is considered as a win.

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NPTEL National Programme on Technology Enhanced Learning

In association with

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Funded by

Government of India
Ministry of Human Resource Development

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