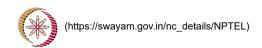


(https://swayam.gov.in)



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NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » The Joy of Computing using Python (course)



Register for Certification exam

(https://examform.nptel.ac.in/)

Thank you for taking the Week 7:

Assignment 7.

## Course outline

How does an NPTEL online course work?

Week 0

Week 1

Week 2

Week 3

week 4

Week 5

Week 6

## Week 7

- Snakes and Ladders - Not on the Board (unit? unit=143&lesson=144)
- Snakes and Ladders - Not on the Board -

## Week 7: Assignment 7

Your last recorded submission was on 2021-09-06, 16:50 Due date: 2021-09-15, 23:59 IST. IST

1) What will the following program do?

1 point

```
from PIL import Image
im=Image.open('snakesandladders.png')
im.show()
im.save('snakeimage.png')
```

- Rename the snakesandladders.png file as snakeimage.png
- Creates a new file called snakeimage.png
- Creates a new file called snakeimage.png with the same content as in the snakesandladders.png
- O Invalid operation
- 2) Which of the following statements is wrong regarding csv?

1 point

- OCSV stands for Comma Separated Values
- O It's a simple file format used to store tabular data, such as spreadsheet or database
- O The use of the commas a field separator is the source of the name for this file format
- None of the above
- 3) If a player has a score of 87 and rolls the dice in the snake and ladder game. If he **1 point** gets a 5, what will be the player's position next considering the dictionary associated with the game?

## Part 01 (unit? dict={ Assessment submitted = 145) 92:79, Χ 95:51, Snakes and 87:18, Ladders - Not 62:22, on the Board -Part 02 (unit? 57:40. unit=143&lesson=146) 52:29, 17:13, Snakes and 80:100, Ladders - Not 90:91, on the Board -75:86, Part 03 (unit? unit=143&lesson=147) 58:77, 28:84, Snakes and 8:30, Ladders - Not 3:21 on the Board -} Part 04 (unit? unit=143&lesson=148) O 79 Snakes and O 97 Ladders - Not 92 on the Board -Part 05 (unit? The player cannot be in position number 87 unit=143&lesson=149) 4) What will be the output of the following program? Snakes and Ladders - Not on the Board -Part 06 (unit? unit=143&lesson=150) Spiral Traversing -Let's Animate (unit? unit=143&lesson=151) Spiral Traversing -Let's Animate -Part 01 (unit? unit=143&lesson=152) Spiral Traversing -Let's Animate -Part 02 (unit? unit=143&lesson=153) Spiral Traversing -Let's Animate -Part 03 (unit? unit=143&lesson=154) Spiral Traversing -Let's Animate -Part 04 (unit? unit=143&lesson=155)

1 point

```
Spiral
Assessment submitted.
Iraversing -
Χ
         Let's Animate -
         Part 05 (unit?
                                 def Traversal(m, n, a):
         unit=143&lesson=156)
                                      k = 0
       Spiral
                                      1 = 0
         Traversing -
                                      stk = []
         Let's Animate -
         Part 06 (unit?
                                      while (k \le m \text{ and } 1 \le n):
         unit=143&lesson=157)
                                           for i in range(l, n + 1):
       Spiral
                                                stk.append(a[k][i])
         Traversing -
                                           k += 1
         Let's Animate -
                                           for i in range(k, m + 1):
         Part 07 (unit?
                                                stk.append(a[i][n])
         unit=143&lesson=158)
       OGPS - Track
                                           if (k \le m):
         the route
                                                for i in range(n, l - 1, -1):
         (unit?
                                                     stk.append(a[m][i])
         unit=143&lesson=159)
                                                m -= 1
       OGPS - Track
                                           if (1 \leftarrow n):
         the route - Part
                                                for i in range(m, k - 1, -1):
         01 (unit?
                                                     stk.append(a[i][l])
         unit=143&lesson=160)
       OGPS - Track
         the route - Part
                                      while len(stk) != 0:
         02 (unit?
                                           print(str(stk[-1]), end = " ")
         unit=143&lesson=161)
                                           stk.pop()
       GPS - Track
                                 mat = [[1, 2, 3, 4, 5],
         the route - Part
                                          [6, 7, 8, 9, 10],
         03 (unit?
                                          [11, 12, 13, 14, 15],
         unit=143&lesson=162)
                                          [16, 17, 18, 19, 20]]
       GPS - Track
         the route - Part
                                 Traversal(R - 1, C - 1, mat)
         04 (unit?
         unit=143&lesson=163)
                                   12 13 14 9 8 7 6 11 16 17 18 19 20 15 10 5 4 3 2 1
       Quiz: Week 7:
         Assignment 7
                                   O 1 2 3 4 5 10 15 20 19 18 17 16 11 6 7 8 9 14 13 12
         (assessment?
                                   O 1 6 11 16 17 18 19 20 15 10 5 4 3 2 7 12 13 14 9 8
         name=312)
                                   O 13 12 7 8 9 14 19 18 17 16 11 6 1 2 3 4 5 10 15 20
       Week 7:
         Programming
                                 5) The default drawing state of the turtle is pendown. State whether the above
         Assignment 1 -
                               statement is true or fault.
```

```
Triangle II
(/noc21_cs75/progassignment?
name=314)
```

(/noc21\_cs75/progassignment True

Binary Matrix

name=313)

Programming Assignment 2 -Number

Week 7:

O False

6) What is the output of the following program?

1 point

1 point

