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**NPTEL** (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **The Joy Of Computing Using Python**  
(course)



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## 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 ()

Week 8 ()

# Week 7 : Assignment

The due date for submitting this assignment has passed.

**Due on 2023-09-13, 23:59 IST.**

As per our records you have not submitted this assignment.

1) Values of CSV files are separated by?

**1 point**

- ☐ Commas
- ☐ Colons
- ☐ Semi-colons
- ☐ Slash

No, the answer is incorrect.

Score: 0

Accepted Answers:

*Commas*

[Week 9 \(\)](#)[Week 10 \(\)](#)[Week 11 \(\)](#)[Week 12 \(\)](#)[Text Transcripts \(\)](#)[Download Videos \(\)](#)[Books \(\)](#)[Problem Solving Session - July 2023 \(\)](#)

2) What is the output of the following code?

1 point

```
def spiral(row, column, arr) :  
    rowStart = 0; columnStart = 0  
  
    while (rowStart < row and columnStart < column) :  
  
        for i in range(rowStart, row) :  
            print(arr[i][columnStart], end = " ")  
  
        columnStart = columnStart + 1  
  
        for i in range (columnStart, column) :  
            print( arr[row - 1][i], end = " ")  
  
        row = row - 1  
  
        if (rowStart < row) :  
            for i in range(row - 1, rowStart - 1, -1) :  
                print(arr[i][column - 1], end = " ")  
            column = column - 1  
  
        if (columnStart < column) :  
            for i in range(column - 1, columnStart - 1, -1) :  
                print( arr[rowStart][i], end = " ")  
  
        rowStart = rowStart + 1  
  
matrix = [ [ 1, 2, 3 ],  
            [ 5, 6, 7 ],  
            [ 9, 10, 11 ] ]  
  
row = 3  
column= 3  
  
spiral(row, column, matrix)
```

- ☐ 1, 2, 3, 7, 11, 10, 9, 5, 6
- ☐ 1, 2, 3, 5, 6, 7, 9, 10, 11
- ☐ 1, 5, 9, 10, 11, 7, 3, 2, 6
- ☐ 1, 5, 9, 2, 6, 10, 3, 7, 11

No, the answer is incorrect.

Score: 0

Accepted Answers:

1, 5, 9, 10, 11, 7, 3, 2, 6

3) What will be the output of the following code?

1 point

```
import turtle

pen = turtle.Turtle()

for i in range(3):

    pen.forward(60)
    pen.right(120)

turtle.done()
```

- ☐ Scalar triangle
- ☐ Right angle triangle
- ☐ Equilateral triangle
- ☐ Isosceles triangle

No, the answer is incorrect.

Score: 0

Accepted Answers:

*Equilateral triangle*

4) Which of the following program will draw a hexagon?

1 point

- ☐

```
1 import turtle
2
3 pen = turtle.Turtle()
4
5 for i in range(3):
6
7     pen.right(60)
8     pen.forward(60)
9
10 turtle.done()
```
- ☐

```
1  import turtle
2
3  pen = turtle.Turtle()
4
5  for i in range(3):
6
7      pen.right(60)
8      pen.forward(60)
9      pen.right(60)
10     pen.forward(60)
11
12 turtle.done()
```

☐

```
1  import turtle
2
3  pen = turtle.Turtle()
4
5  for i in range(6):
6
7      pen.right(30)
8      pen.forward(60)
9
10 turtle.done()
```

☐

```
1  import turtle
2
3  pen = turtle.Turtle()
4
5  for i in range(6):
6
7      pen.right(30)
8      pen.forward(30)
9
10 turtle.done()
```

No, the answer is incorrect.

Score: 0

Accepted Answers:

```
1 import turtle
2
3 pen = turtle.Turtle()
4
5 for i in range(3):
6
7     pen.right(60)
8     pen.forward(60)
9     pen.right(60)
10    pen.forward(60)
11
12 turtle.done()
```

5) Which of the following library is used to render data on google maps?

1 point

- ☐ gplot
- ☐ googlemaps
- ☐ gmpplot
- ☐ gmeplot

No, the answer is incorrect.

Score: 0

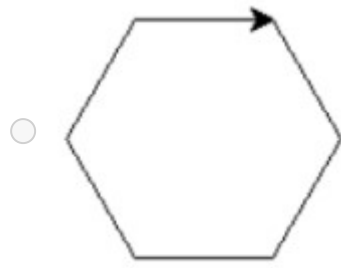
Accepted Answers:

*gmpplot*

6) What is the output of the following code?

1 point

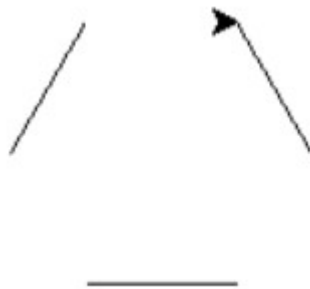
```
1 import turtle
2
3 pen = turtle.Turtle()
4
5 for i in range(3):
6
7     pen.right(60)
8     pen.forward(60)
9     pen.penup()
10    pen.right(60)
11    pen.forward(60)
12    pen.pendown()
13
14
15 turtle.done()
```



No, the answer is incorrect.

Score: 0

Accepted Answers:



7) Which turtle command is equivalent to lifting up a pen.

**1 point**

- ☐ penlift()
- ☐ penup()
- ☐ uppen()
- ☐ penremove()

No, the answer is incorrect.

Score: 0

Accepted Answers:

*penup()*

8) Why do we use functions?

**1 point**

- ☐ To improve readability.
- ☐ To reuse code blocks.
- ☐ For the ease of code debugging.
- ☐ All of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

*All of the above*

9) Library used to import images?

**1 point**

- ☐ PIL
- ☐ Imageview
- ☐ IMG
- ☐ image

No, the answer is incorrect.

Score: 0

Accepted Answers:

*PIL*

10) In snakes and ladder what can be the ways to track ladders and snakes?

**1 point**

- ☐ Maintain a dictionary with snakes or ladder number blocks as keys.
- ☐ Using the if condition to check on every number.

- ☐ Both A and B.
- ☐ None of the above

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Both A and B.*