

Register for Certification exam

Course outline

How does an NPTEL online course work?

Week 0

Python Setup Guide

Practice: Week 0: Assignment 0

Week 0: Solutions

Week 1

Week 2

Download Videos

Text Transcripts

Books

Week 0: Assignment 0

Assignment not submitted

Note : This assignment is only for practice purpose and it will not be counted towards the Final score

Read the table given below, and answer questions 1 & 2:

Coronavirus Worldwide Statistics	Numbers
Confirmed cases	3,193,886
Recovered	972,719
Deaths	227,638
Active Cases	1,993,529
Closed Cases	1,200,357

1) The table above indicates that there were 3,193,886 confirmed Covid 19 cases at one point in time around the world. The table also shows that 9,72,719 people recovered. What % of people have recovered from COVID-19? 1 point

- ☒ 30.45
☐ 7.1
☐ 37
☐ 20.5

Yes, the answer is correct.

Score: 1

Accepted Answers:

30.45

2) Out of the 3.1 million confirmed cases, what _____ % of people have lost their lives? 1 point

- ☐ 30.5
☒ 7.1
☐ 37
☐ 20.5

Yes, the answer is correct.

Score: 1

Accepted Answers:

7.1

3) There are 6 marbles in a sling bag. Of these 3 are red marbles, 2 are blue marbles and 1 is a yellow marble. What is the probability of drawing a red marble? 1 point

- ☐ 1/3
☐ 2/3
☒ 1/2
☐ 5/6
☐ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

1/2

4) "Statistics and Probability" is the title of a book. If each letter was carved into a block and dropped into a bag, what are the chances a person would draw either the letter A or I from the bag? 1 point

- ☐ 1/4
☐ 3/24
☐ 1/6
☒ 7/24
☐ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

7/24

5) From a shuffled deck of 52 cards, a card is drawn randomly. What is the probability that the card drawn is neither a Queen nor a Heart shaped card? 1 point

- ☐ 14/52
☐ 17/62
☐ 35/52
☒ 9/13
☐ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

9/13

6) What will be the output for the following code snippet? 1 point

```

c = 10  d = 20  e = 5
sum = c + d - e
print(sum)

```

- ☐ 35
☒ 25
☐ 30
☐ 15

yes, the answer is correct.

Score: 1

Accepted Answers:

25

7) Suppose we have a variable $n = 5$. If we wanted to print numbers from 1 to the variable [including n], which loop helps with the iteration?

1 point

- ☐ for loop
- ☐ while loop
- ☒ a and b
- ☐ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

a and b

8) Which of the following operators is used to check an "Equal to" relationship between variables?

1 point

- ☐ <=
- ☐ >==
- ☐ =
- ☒ ==
- ☐ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

==

9) Find the median for from the following numbers: 13, 42, 24, 9, 11, 18, 11, 7

1 point

- ☒ 12
- ☐ 11
- ☐ 13
- ☐ 9

Yes, the answer is correct.

Score: 1

Accepted Answers:

12

10) Find the mode for the following sets of numbers:

1 point

- 1) 9, 12, 3, 10, 15, 2, 12, 3, 2, 12
- 2) 12, 31, 10, 14, 21, 11, 2, 23, 17

- ☐ 3 and 11
- ☐ 2 and No Mode
- ☒ 12 and No Mode
- ☐ 12 and 12

Yes, the answer is correct.

Score: 1

Accepted Answers:

12 and No Mode

Check Answers and Submit

Your score is: 10/10