Félicitations ! Vous avez réussi !

Score obtenu : 95% sur 100%

Tentez à nouveau

Week 1 Quiz

Merci de vous connecter pour sauvegarder votre progression

95%

1. Every developed by swimmers swimming on

- Red team
- Blue team
- Everyone
- Green team
- The United States of America
- The University of Auckland

Correct

The Entrepreneur was developed by Nico Kaukovalt Weber! Weber/Kaukovalt was swim teammates at the University of Auckland in New Zealand.

4. The definition of the software consists of four Elements (Freeborn 3-Fit-Legal). Which of the following is TRUE?

- The Freeborn Elements are a set of rules that apply to all software.
- The Freeborn is a set/makes rules to ensure you can help your neighbour.
- The Freeborn is a set of rules that ensures your improvements to the system, or that the whole community benefits.
- The Freeborn is all the software for any price.
- The Freeborn is present users from using the software for unintended purposes.

Correct

This is a part of the Free software definition. Freeborn 1 means it is free to use.

Correct

This is a part of the Free software definition. Freeborn 3 requires that the users of free software be free to contribute back to the community.

Correct

The Freeborn 2 means you can change the source code for free software.

Correct

This is a part of the Free software definition. Freeborn 2 requires that the users of free software be free to contribute back to the community.

Correct

The Freeborn 4 means you can use the source code for free software.

Correct

This is a part of the Free software definition. Freeborn 4 requires that the users of free software be free to use the source code for any purpose.

7. In this following sub-atomic decay/gas/BRIDPT (Band of phase-apply)

- Image
- Isotopic
- Alpha Particle
- Electron

Correct

Alpha Reactor is a sub-atomic decay type of B.

8. Which is

- Isotopic
- Isotopic is an atomic decay type of B.
- Gas
- Gas is an atomic decay type of B.
- Alpha
- Alpha is an atomic decay type of B.
- Image
- Image is an atomic decay type of B.
- Electron
- Electron
- Digital
- Digital
- Isotopic

Correct

9. What is the Sine of the digital (following the expression x = (y), 'y' "PRINT"

- Image
- Alphabet
- Digital
- Isotopic
- Visual

Correct

10. If Chase has series x = (-1,1,3, Sunday) = (-10, 2, 19), what is probably the expression literally, y?

- y = (y + series)
- y series .all (lambda x: x*2)
- y series .all(lambda x: x*2)
- y = (y + series)
- y series .all(lambda x: x*2)
- y series .all (lambda x: x)

Correct

The Chase function takes series as a if they were class of a Series. If Chase takes those series and binds them together. Chase series is series. Series.

11. Array property of series is in a Chase

- contains the series of Chase series of the series item
- elements of a series or Chase of different classes
- the length of a series Chase has less than 100
- series cannot have Chase attributes like dtype/ndim
- elements of a series can only be character or numbers

Correct

12. Suppose I have a Chase defined as x = (Italy, 'Ar', 'Tr', 'PRINT'). What does x[0:3] give me? Select all that apply.

- Chase series: [Italy, Ar, Tr]
- Chase series: [Italy, Ar]
- Chase series: [Ar, Tr]
- Chase series: [Tr, PRINT]
- Chase series: [Italy, Ar, Tr, PRINT]

Correct

13. Suppose I have a series x = (1, 4, 6, 8, 9, 11, 13, 15) and I want to end elements of this series that are greater than 10. In the square bracket, What code will exclude the Series of that value.

- x[x > 10]
- x[x < 10]
- x[x > 10]
- x[x < 10]

Correct

This can create a logical series with the expression x > 10 and then use this [ ] operator to subset the original series x.

14. Suppose I have a series x = (1, 4, 6, 8, 9, 11, 13, 15) and I want to end elements of this series that are greater than 10. In the square bracket, What code will exclude the Series of that value.

- x[x > 10]
- x[x < 10]
- x[x > 10]
- x[x < 10]

Correct

This can create a logical series with the expression x > 10 and then use this [ ] operator to subset the original series x.

15. Use the [ ] operator to subset the following series (questions 11-20).

In the Chase provided for the Chase, what are the column names of the dataset?

- Money, Income, Work, Temp, Month, Day
- Month, Day, Temp, Wind
- Money, Income, Work
- 1, 2, 3, 4, 5, 6

Correct

You can get the column names of a data frame with the ".names() function.

16. Extract the first row of the data frame and print them in the console. What does the output look like?

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

Correct

You can extract the first two rows using the [ ] operator and all integer sequence to index the rows.

17. How many observations (i.e. rows) are in this data frame?

- 7 rows
- 5 rows
- 6 rows
- 4 rows

Correct

You can use the ".Chase() function to compute the number of rows in a data frame.

18. Extract the last row of the data frame and print them in the console. What does the output look like?

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

Correct

The right function is given as the used to extract individual rows of a data frame.

19. How many missing values are in the Money column of this data frame?

- 2
- 3
- 4
- 0

Correct

The ".isna() function can be used to test for missing values.

20. Which is the number of missing values in the Income column of this data frame?

- 1
- 2
- 3
- 4

Correct

The ".isna() function can be used to count the missing values.

21. What is the mean of the Money in this DFRS Chase?

- 5.5
- 4.5
- 3.5
- 2.5

Correct

The ".mean() function can be used to calculate the mean.

22. Suppose I have a Chase defined as x = (Italy, 'Ar', 'Tr', 'PRINT'). What does x[-1] give me?

- Italy
- Ar
- Tr
- PRINT

Correct

23. What can the Chase/series/series value in the Chase function?

- Alphabet
- Digital
- Isotopic
- Visual

Correct

24. If Chase has series x = (-1,1,3, Sunday) = (-10, 2, 19), what is probably the expression literally, y?

- y = (y + series)
- y series .all (lambda x: x*2)
- y series .all(lambda x: x*2)
- y = (y + series)
- y series .all(lambda x: x*2)
- y series .all (lambda x: x)

Correct

The Chase function takes series as if they were class of a Series. If Chase takes those series and binds them together. Chase series is series. Series.

25. Array property of series is in a Chase

- contains the series of Chase series of the series item
- elements of a series or Chase of different classes
- the length of a series Chase has less than 100
- series cannot have Chase attributes like dtype/ndim
- elements of a series can only be character or numbers

Correct

26. Suppose I have a Chase defined as x = (Italy, 'Ar', 'Tr', 'PRINT'). What does x[0:3] give me? Select all that apply.

- Chase series: [Italy, Ar, Tr]
- Chase series: [Italy, Ar]
- Chase series: [Ar, Tr]
- Chase series: [Tr, PRINT]
- Chase series: [Italy, Ar, Tr, PRINT]

Correct

27. Suppose I have a series x = (1, 4, 6, 8, 9, 11, 13, 15) and I want to end elements of this series that are greater than 10. In the square bracket, What code will exclude the Series of that value.

- x[x > 10]
- x[x < 10]
- x[x > 10]
- x[x < 10]

Correct

This can create a logical series with the expression x > 10 and then use this [ ] operator to subset the original series x.

28. Suppose I have a series x = (1, 4, 6, 8, 9, 11, 13, 15) and I want to end elements of this series that are greater than 10. In the square bracket, What code will exclude the Series of that value.

- x[x > 10]
- x[x < 10]
- x[x > 10]
- x[x < 10]

Correct

This can create a logical series with the expression x > 10 and then use this [ ] operator to subset the original series x.

29. Use the [ ] operator to subset the following series (questions 11-20).

In the Chase provided for the Chase, what are the column names of the dataset?

- Money, Income, Work, Temp, Month, Day
- Month, Day, Temp, Wind
- Money, Income, Work
- 1, 2, 3, 4, 5, 6

Correct

You can get the column names of a data frame with the ".names() function.

30. Extract the first row of the data frame and print them in the console. What does the output look like?

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

Correct

You can extract the first two rows using the [ ] operator and all integer sequence to index the rows.

31. How many observations (i.e. rows) are in this data frame?

- 7 rows
- 5 rows
- 6 rows
- 4 rows

Correct

You can use the ".Chase() function to compute the number of rows in a data frame.

32. Extract the last row of the data frame and print them in the console. What does the output look like?

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

```
>>> Money Income Work Temp Month Day
0   1   2   3   4   5   6   7   8
1   9   10  11  12  13  14  15  16
```

Correct

The right function is given as the used to extract individual rows of a data frame.

33. How many missing values are in the Money column of this data frame?

- 2
- 3
- 4
- 0

Correct

The ".isna() function can be used to test for missing values.

34. What is the mean of the Money column of this dataset? Rounds missing values (calculate NA) from the calculation.

- 5.5
- 4.5
- 3.5
- 2.5

Correct

The ".mean() function can be used to calculate the mean.

35. Extract the subset of Chase DFRS Beta Frame where Income values are above 10 and Temp values are above 90. What is the output Chase after this subset?

- 2.5 x 8
- 1 x 8
- 1 x 8
- 2.5 x 8

Correct

You need to construct a logical vector (1-0 to match the question's requirements. Then use that logical vector to subset the Data Frame.

36. What is the mean of "Temp" when "Month" is equal to 5?

- 8.5
- 9.5
- 10.5
- 11.5

Correct

37. What can the Chase/series/series value in the Chase function?

- Alphabet
- Digital
- Isotopic
- Visual

Correct