קורס

Basic Python

תרגולים חלק א'

תוכן עניינים:

תרגולים מעשיים- חלק א'

1. Write a Python program to print the following string in a specific format (see the output).

Sample String : "Net4U, is the best place…in the world" *Output :*

```
"Net4U, is the best place
     …in the world"
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2. Write a Python program to display the current date and time.
Sample Output :
Current date and time :
2014-07-05 14:34:14

3. Write a Python program which accepts the user's first and last name and print them in reverse order with a space between them.

4. Write a Python program to accept a filename from the user and print the extension of that.
Sample filename : abc.java
Output : java

5. Write a Python program that accepts an integer (n) and computes the value of n+nn+nnn.
Sample value of n is 5
Expected Result : 615

6. Write a Python program to find whether a given number (accept from the user) is even or odd, print out an appropriate message to the user.

7. Write a Python program to convert height (in feet and inches) to 7 centimeters.

8. Write a Python program to empty a variable without destroying it.

Sample data: n=20
d = {"x":200}
Expected Output : 0
{}

9. Write a Python script to add a key to a dictionary.

Sample Dictionary : {0: 10, 1: 20}
Expected Result : {0: 10, 1: 20, 2: 30}

10. Write a Python program to create a dictionary from a string.
Note: Track the count of the letters from the string.
Sample string : 'Net4U'
Expected output: {'N': 1, 'e': 1, 't': 2, '4': 1, 'U': 1}

11. Write a Python program to get a single string from two given strings,
separated by a space and swap the first two characters of each string.
Sample String : 'abc', 'xyz'
Expected Result : 'xyc abz'

12.   Write a Python program to count repeated characters in a string.
 Sample string: 'thequickbrownfoxjumpsoverthelazydog'
Expected output :
o 4
e 3
u 2
h 2
r 2
t 2

13. Write a Python program to sum all the items in a list.

14. Write a Python program to print a specified list after removing the 0th,
4th and 5th elements.
Sample List : ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow']
Expected Output : ['Green', 'White', 'Black']