

M1.4.d: Assignments

Assignments

- 1. Write a program to define a function that can accept an integer number as input and print the "It is an even number" if the number is even, otherwise print "It is odd".**
- 2. Write a program to define a function which can print a dictionary where the keys are numbers between 1 and 20 (both included) and the values are square of keys.**
- 3. Write a program to take a string as input and return a string with vowels removed.(implement List Comprehesion)**
- 4. Write a program to display Powers of 2 using Anonymous functions?(lambda,map).**
- 5. Write a program to implement bubble-sort algorithm**
- 6. Write a program to implement binary-search algorithm**
- 7. Write a program to take two list of same length as input and return a dictionary with one as keys and other as values.**
- 8. Write a program to print fibonocci series using recursion.**
- 9. Write a program to find the factorial of a number using recursion.**
- 10. Program to implement concept of decorator to calculate the time needed to execute one or more function in a program.**
- 11. Write a program using generator to print the numbers which can be divisible by 5 and 7 between 0 and n in comma separated form while n is input by console.(implement generator).**

M1.4.d: Assignments

12. Write a program using generator to print the even numbers between 0 and n in comma separated form while n is input by console.(implement generator)

13. Write a program to implement Insertion-Sort algorithm in python.

14. Program to implement Linear-Search Algorithm.

15. Program to implement Selection-Sort Algorithm.

16. Write a Python program to find the second smallest number in a list using function.

Unique solution ID: #1052

Author: Ajomol

Last update: 2017-10-26 12:58