M1.2.e: Assignments

Assignment Questions of Basic Programming

1.Write a program to check whether the entered number is postive or negative

2.Write a program to swap two variables.

3.Write a program to Determine If Year Is Leap Year

4.Write a program check whether the given number is odd or even.

5.Write a program to print the fibonocci series.

6.Write a program to generate following pyramid or triangle like given below using for loop.

a)

******

*****

****

***

**

*

b)

*

**

***

****

*****

*****

****

***

M1.2.e: Assignments

**

*

7. Write a program to print the prime numbers between given interval.

8. Write a program for Printing Odd numbers between 1 and 50 and calculate the sum of that numbers.

9. Write a program to find the factorial of the given number.

10.Write a program to Check if the given string is Palindrome or not.

11. Write a program to find sum of all integers greater than 100 and less than 200 that are divisible by 7.

12.Write a program to Display Multiplication Table

13. Write a program to calculate the area and perimeter of a rectangle..

14. Write a program to find the sum of n' Natural Numbers.

15.Write a program to find whether given no. is Armstrong or not.

16. Write a program to find the largest among 3 numbers.

17. Write a program to remove all punctuations from given string.

18. Write a program to Display Triangle as follow :

1

2 2

3 3 3

4 4 4 4...

19. Write a program to count the no:of each vowel in a given string.

M1.2.e: Assignments

20. Program to perform Addition,Subtraction,Multiplication and division on Complex-No's.

21. Find Value of the following expressions

num_1 = 10

num_2 = 11

num_1 % num_2

num_1 - num_2

num_1 * num_2

22. Find the results of the following expressions (True or False)

num_1=7

num_2 = 6

num_1 < num_2

num_1 > num_2

num_1 <= num_2

num_1 >= num_2

num_1=num_2

23. Find the results of the following expressions (True or False)

num_1=3

num_2 = 4

(num_1 < num_2) and (num_1 != num_2)

(num_2 >= num_1) or (num_1 > num_2)

not (num_1 == num_2)

M1.2.e: Assignments

24. Output of the following while loop

```
i=1
while (i<6):
    i = i +1
   print(i)
```

Options

a. 12345

b. 23456

c. 2345

d. 234567

25. Select the correct option

```
customer_num =5
invoice_num =1212
print("Invoice No(s):")
while(customer_num >0):
    print("INV -", invoice_num)
    invoice_num = invoice_num +3
    customer_num = customer_num -1
```

options

a INV-1212 INV-1215 INV-1218

b INV- INV- INV-

c INV-1212 INV-1212 INV-1212

M1.2.e: Assignments

26. Write a python function to add ‘python’ at the end of a given string and return the new string. If the given string already ends with ‘python’ then add ‘java’. If the length of the given string is less than 5, then add ‘php’.

27.Write a python function which accepts a string containing a pattern of braces and returns true if the pattern of braces is correct. Otherwise it returns false.

The string of braces is correct if it satisfies the following conditions:
a. Number of opening and closing braces are equal.
b. Pattern should not start with closing braces and end with opening brace.

Sample input: }{}{{{}{}}

Output: False

28. Given two numbers, write a python function which returns true if first number is a seed of second number. Otherwise it returns false.

Eg 145 , 2900

Output:145 is a seed of 2900

Unique solution ID: #1030
Author: Ajomol
Last update: 2019-06-13 12:13