ASSIGNMENT

Chap 4: Assign: 1

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Instructions:

- **Complete These Codes ASAP!**
- **Ask Group leader For Help If It Is Really Needed.**
- **Complete This Assignment With Your Class Codes.**
- **Submit This Assignment Within 48 Hours!**
- **Take necessary inputs from user!**

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Program 1: Write a program to declare a function arithmeticOperations() and call it from main() function. The function must print the basic arithmetic operations i.e, +,-,/,* of two numbers(use hardcoded values).

Program 2: Write a program to declare two functions - oddNumbers() and evenNumbers(). Inside oddNumbers() print the first 20 odd numbers and inside evenNumbers() print the first 20 even numbers. Call both functions from main().(Use hardcoded values)

Expected Output:

Odd Numbers : 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39

Even Numbers : 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40

Program 3: Write a program to declare a function fibonacciSeries() and print the first 10 Fibonacci series. Call the function from main() function.

Expected Output:

Fibonacci Series : 0 1 1 2 3 5 8 13 21 34

Program 4: Write a program to declare a function areaCircle(). Inside it take a radius from user. Calculate the area of circle and print it.

Expected Output:

Enter radius of circle : 4

Area of circle : 50.24

Program 5: Write a program and declare a function that takes an integer array of size 5 as parameter. Print the array elements in ascending order.

Expected Ouput:

In main

Enter array elements : 5 2 9 3 1

In function

Array elements in ascending order : 1 2 3 5 9

Program 6: Write a program which accepts date, month and year from user. Declare a function that checks for the validity of date according to month.

Expected Output:

In main

Enter Date : 04

Enter Month : 02

Enter Year : 2008

In function

Given Date is Valid!!