COMSATS University Islamabad, Abbottabad Campus

Department of Computer Science

General Lab Tasks

Class: BCS - 4 C

Q1.   Write a program in which one can insert an element at the location specified by the user.

Numbers in Array: **10**   **20**   **30**   **40**   **50**

Enter location.   **2**

The element to be inserted is: **99**

The output look like as:10   20   99   30   40   50

Q2.   Write a program in Java to read a set of numbers to store it in one dimensional array A, copy the elements in another Array B in reverse order, find the sum of individual array A and B and copy the result in array C and display all three arrays.

Q3   Write a program in Java that display Fibonacci series of n number.

For example if n=7 the generated output should look like as:

1   1   2   3   5   8   13

Q4.   Write a menu driven program using do-while loop that inputs a value and a type of conversion. The program should output the value after conversion. The program should include the following conversions.

Main Menu

[1].   Convert Centimeter into Inches   (1 inch = 2.54 cm)

[2].   Liters into Gallons   (1 gallon = 3.785 ltrs)

[3].   Kilometers into Miles   (1 mile = 1.609 km)

[4].   Kilograms into Pounds   (1 pound = .4536 kg)

[5].   Exit

My choice:

Make sure the program accepts only valid choices for the type of conversion to perform.