**PSCP LAB – Section A - 3-12- 2022**

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| 1 | Write a C++ program to convert Celcius to Farenheit and vice-versa |
| 2 | Write a C++ program to find the area of a triangle. |
| 3 | Write a program to display the given three number in descending order. ( using if statements) |
| 4 | Enter 4 digit numbers through keyboard. Write a program to obtain the sum of 1st and last digits of this number. |
| 5 | Write a program to display at what age you have joined in NIT Warangal. The input to your program is your date of birth as three integers. And your date of joining in the college also as three integers. Assume that all the 12 months contains 30 days each.  Example: Input: Enter your date of birth : 25 9 2005  Enter date of joining in NITW : 18 6 2022  Output: I have joined NITW at the age of 16 years 8 months 23 days. |

**PSCP LAB – Section B , Section C - 3-12- 2022**

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| 1. | Write a program to accept four numbers and displays the information: average of even numbers, and average of odd numbers. |
| 2. | The cost price, mark price (MRP) and discount (in %) is entered through keyboard. Sometimes seller gets profit of x % or some time loss of y % depends on discount. Write a program to determine whether the seller has made profit or incurred loss. Also determine how much profit he made or loss incurred. |
| 3. | Consider a currency system in which there are notes of seven denominations, namely, Rs. 1, Rs. 2, Rs. 5, Rs. 10, Rs. 50, Rs. 100. If the change given to Narayan Rs. N is input, write a program to compute smallest number of notes that will combine to give Rs. N.  Sample Input 1:  1200  Sample Output1:  12  Sample Input 2:  242  Sample Output2:  7 |
| 4. | Write a program that takes get the branding expenses, travel expenses, food expenses and logistics expenses as input from the user and calculate the total expenses for an event and the percentage rate of each of these expenses.  Sample Input:  Enter branding expenses: 20000  Enter travel expenses: 40000  Enter food expenses: 15000  Enter logistics expenses: 25000  Output:  Total expenses : Rs.100000.00  Branding expenses percentage : 20.00%  Travel expenses percentage : 40.00%  Food expenses percentage : 15.00%  Logistics expenses percentage : 25.00% |
| 5. | Write a program to accept three numbers and display the following menu 1.Product 2.Smallest number 3.Middle number 4.Biggest number. Accept user choice and display the related output . |