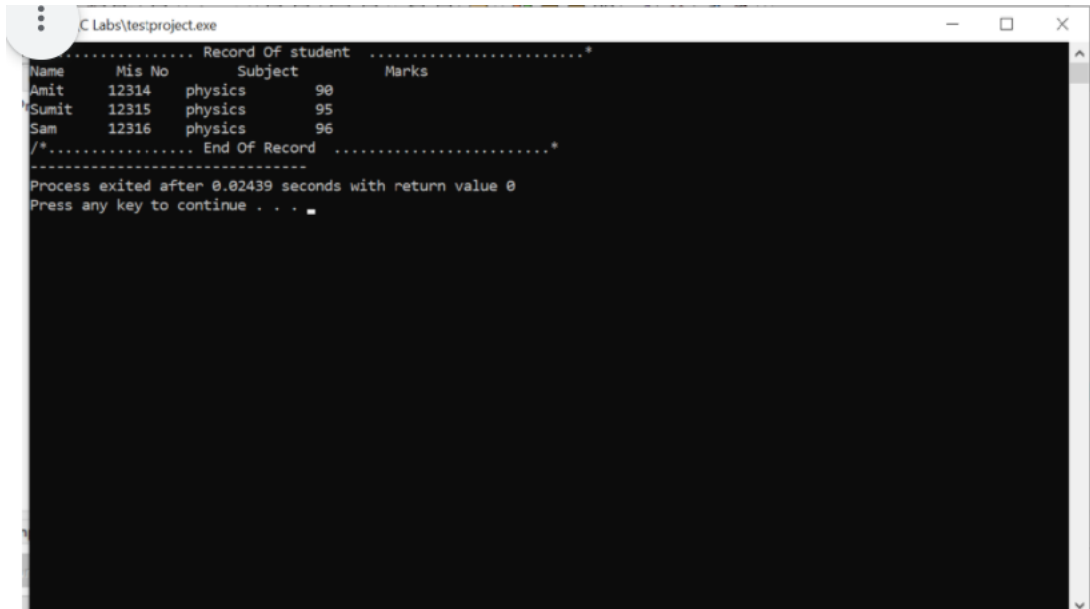


Computer Programming Lab-List

Lab-1

1. Write A Program To Display Following Output Using Less Number Of Lines

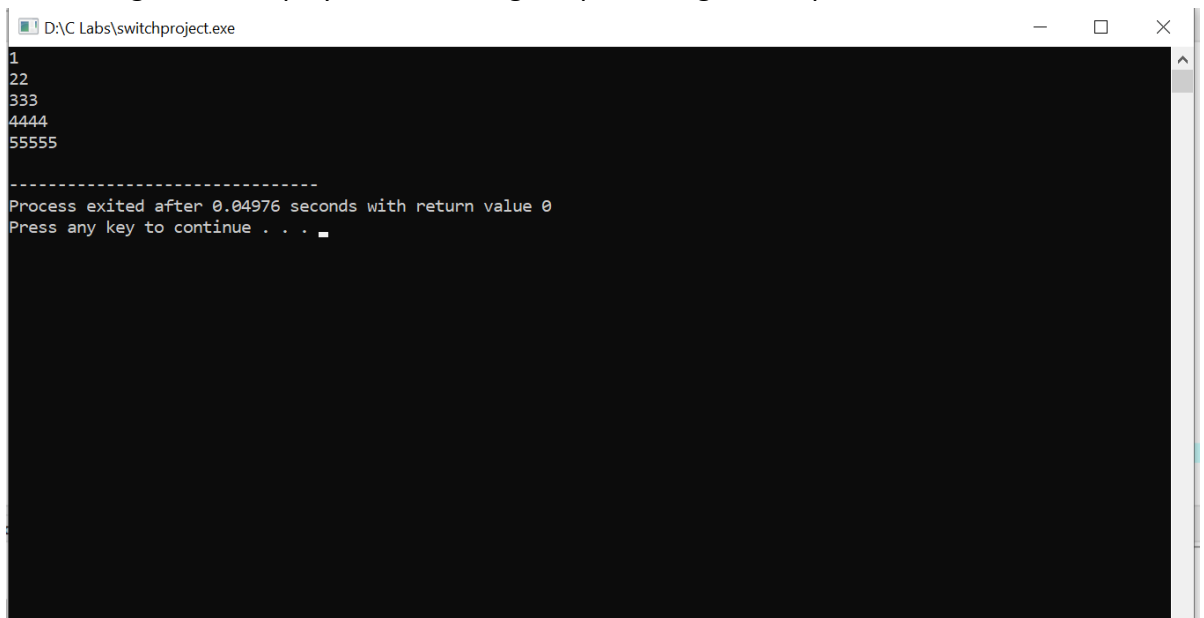


```
C Labs\testproject.exe
..... Record Of student .....*
Name      Mis No   Subject   Marks
Amit      12314   physics   90
Sumit     12315   physics   95
Sam       12316   physics   96
/*..... End Of Record .....*
Process exited after 0.02439 seconds with return value 0
Press any key to continue . . .
```

2. Write Program To Display The value of x Using a,b,c value where $x=a/b-c$
3. Write Program that will used temperature in Fahrenheit and Display it in Celsius.

Lab-2

1. An electricity board charges the following rates to domestic users to discourage large consumption of energy For the first 100 units 60P per unit For next 200 units 80P per unit Beyond 300 units 90P per unit. All users are charged a minimum of Rs. 50.00. If the total amount is more than Rs. 300.00 then an additional surcharge of 15% is added. Write Program calculate electricity bill for 10 users also display Total unit consumption and total bills amount For electricity board(Hint: Use For loops with conditional statements).
2. Write Program To Display The Following Outputs using for loops



```
D:\C Labs\switchproject.exe
1
22
333
4444
55555
-----
Process exited after 0.04976 seconds with return value 0
Press any key to continue . . .
```

Lab-3

1. Write program to obtain first 10 numbers Fibonacci series. Fibonacci series sum of two successive number give third number.Example:1 1 2 3 5 8 13 21 34 55 89....
2. Write A program to find factorial of given number using tail recursionExample:5!=5*4*3*2*1

Lab-4

1. Write program to obtain first 10 numbers Fibonacci series. Fibonacci series sum of two successive number give third number.Example:1 1 2 3 5 8 13 21 34 55 89....
2. Write A program to find factorial of given number using tail recursionExample:5!=5*4*3*2*1

Lab-5

1. Write A program to which data of 10 students and calculate a).Find average mark and class of students b).Determine class Average c) Calculate Frequency of Class students based on Grades. D).Find out Two Toppers students in Class. E)Display Final Result Summary in Both Ascending And Descending Order Note: Use Name of Or MISNO students in array. Use Subject Array. Display Percentage .Use Separate Functions for Each Operation and Return Array from Ascending and Descending order of result.

Lab 6

1. Write A simple C application To Demonstrate Banking System For 5 Users .A System Will Do Following Operation 1.Deposit 2.WithDrwal 3. Transfer 4. Mini Statement. A System Also Verify if Amount is valid or not for withdrawal and transfer .Make Complete Application As Menu Driven .Display Proper Output.

Lab 7

1. Write a simple program to manage shopping cart with product Id a) add inventory b) Display Details of product c) Display bill. Assume Total Number of user is Restricted to 5.

Lab 8

1. Define structure data type with name date containing three integers members day, month, year develop an interactive modular program to perform following task.
1.To read data of members by function 2.validate data enter by function 3. Print date in format April 29, 2021.Take Necessary inputs using scanf functions.Dsisplay Next Month in same format with Day.

Lab 9

A Maruti car dealer maintains Records of various vehicles in following form

Vehicle Type	Month Sales	Price Per units
Maruti-800	18	21000
Maruti -dx	19	22000
Maruti Desire	20	24000

Write program to read data into table of strings and output vehicle sold .User must input data Using scanf function. Display all the records using pointer To Array. Display Total Sales amounts.