

Assignment No 7

Programs to show statement block, conditional statement.

- 1) Write a C program to accept two integers and check whether they are equal or not.
- 2) Write a C program to read roll no, name and marks of three subjects and calculate the total, percentage and division.
- 3) Write a C program to read temperature in centigrade and display a suitable message according to temperature state below : Temp < 0 then Freezing weather
Temp 0-10 then Very Cold weather
Temp 10-20 then Cold weather
Temp 20-30 then Normal in Temp
Temp 30-40 then Its Hot
Temp >=40 then Its Very Hot
Test Data :
42
Expected Output :
Its very hot.
- 4) Write a C program to check whether a character is an alphabet, digit or special character
- 5) Write a program in C to calculate and print the Electricity bill of a given customer. The customer id., name and unit consumed by the user should be taken from the keyboard and display the total amount to pay to the customer. The charge are as follow

Unit	Charge/unit
upto 199	@1.20
200 and above but less than 400	@1.50
400 and above but less than 600	@1.80
600 and above	@2.00

If bill exceeds Rs. 400 then a surcharge of 15% will be charged and the minimum bill should be of Rs. 100/-

Test Data :

1001

James

800

Expected Output :

Customer IDNO :1001

Customer Name :James

unit Consumed :800

Amount Charges @Rs. 2.00 per unit : 1600.00

Surcharge Amount : 240.00

Net Amount Paid By the Customer : 1840.00

- 6) Write a program in C which is a Menu-Driven Program to compute the area of the various geometrical shape.
- 7) Write a program in C to read any day number in integer and display day name in the word.
- 8) Write a program in C which is a Menu-Driven Program to perform a simple calculation.
- 9) Write a program in C to read any digit, display in the word.
- 10) Write a program in C to read any Month Number in integer and display the number of days for this month.