

List of if...else programming exercises

- to find maximum between two numbers.
- To check whether a number is negative, positive or zero.
- To check whether a character is alphabet or not.
- To input any alphabet and check whether it is vowel or consonant.
- To input any character and check whether it is alphabet, digit or special character.

- To find all roots of a quadratic equation.

- To input marks of five subjects Physics, Chemistry, Biology, Mathematics and Computer. Calculate percentage and grade according to following:

Percentage	>=	90%	:	Grade	A
Percentage	>=	80%	:	Grade	B
Percentage	>=	70%	:	Grade	C
Percentage	>=	60%	:	Grade	D
Percentage	>=	40%	:	Grade	E
Percentage < 40% : Grade F					

- To input basic salary of an employee and calculate its Gross salary according to following:

Basic Salary	<=	10000	:	HRA	=	20%,	DA	=	80%
Basic Salary	<=	20000	:	HRA	=	25%,	DA	=	90%
Basic Salary > 20000 : HRA = 30%, DA = 95%									

- To input electricity unit charges and calculate total electricity bill according to the given condition:

For	first	50	units	Rs.	0.50/unit
For	next	100	units	Rs.	0.75/unit
For	next	100	units	Rs.	1.20/unit
For	unit	above	250	Rs.	1.50/unit

An additional surcharge of 20% is added to the bill

- To create Simple Calculator using switch case.
- to print all natural numbers from 1 to n. - using while loop
- to print all natural numbers in reverse (from n to 1). - using while loop
- to print multiplication table of any number.
- to count number of digits in a number.
- to find first and last digit of a number.

- to swap first and last digits of a number.
- to enter a number and print its reverse.
- to find frequency of each digit in a given integer.
- to enter a number and print it in Roman letter.
- to find HCF (GCD) of two numbers.
- to find LCM of two numbers.
- to find sum of all prime numbers between 1 to n.
- to find all prime factors of a number.
- to print all Armstrong numbers between 1 to n.
- to find one's complement of a binary number.
- to find two's complement of a binary number.
- to convert Binary to Octal number system.
- to convert Binary to Decimal number system.
- to convert Binary to Hexadecimal number system.
- to convert Octal to Binary number system.
- to convert Octal to Decimal number system.
- to convert Octal to Hexadecimal number system.
- to convert Decimal to Binary number system.
- to convert Decimal to Octal number system.
- to convert Decimal to Hexadecimal number system.
- to convert Hexadecimal to Binary number system.
- to convert Hexadecimal to Octal number system.
- to convert Hexadecimal to Decimal number system.