Code Created as part of the Course

Classwork

File	Content
001	Read and write to Variables
002	Basic Arithmetic
003	Relational Operation workbook

Homework

File	Content
H001	Prints ad triangle using asterisks
H002	Finding average of marks in 5 subjects by taking marks from the user
H003	Program that swaps values of two variables
H004	Finds the sum of digits of a 3 digit number
H005	Evaluate a double expression by taking an input
H006	A calculator performing + - * / avg min max tan cos sin power
H007	Check whether an year is year LEAP or NOT
H008	Check whether input is uppercase/lower case/digit/special char
H009	Reverse a 5 digit # and check whether it's palindrome or not
H010	Size of Various Datatypes
H010*	Size and Ranges of Various Datatypes
H011	Prints the name of the day of the week when the week index is given
H012	Prints # of days of the month
H013	Checks whether an alphabet is vowel or consonent
H014.c	Sum of first n natural numbers
H015	a^b
H016	Factorial of n
H017	GCD of a and b
H018	sum n**3
H019	0/1 + 1/2 + 2/3 + ... n/(n+1)
H020	Check whether a number is prime or not
H021	Print First n prime numbers
H022	sum of n terms in GS
H023	Average of atmost n +ve integers, input <= 0 then display average
H024	Product of n integers entered by user. skip the zeros

File	Content
H025	Multiplication from 5 to 9 in separate columns (for) (\t and \n)
H026	Pascal's Triangle
H027	Binary to Decimal
H028	exp(x), sin(x), cos(x) error of 0.001
H029	{+} {-} {*} {/} for complex numbers
H030	Average Marks obtained by all students of the class
H031	Find the value of Pi
H032	swap two #s
H033	Cartesian coordinates to polar coordinates
H034	(RECURSIVE) Find the nth term of fibonacci series
H035	(RECURSIVE) Find sum of 1st n natural numbers
H036	(RECURSIVE) find gcd of 2 numbers
H037	(RECURSIVE) sum of digits of positive number using recursion
H038	(ARRAY) Take input (int) and store its multiplication table in an array and print it
H039	(ARRAY) regd # of students contains marks of 5 students
H040	(ARRAY) sort an array of 10 numbers using bubble sort, selection sort and merge sort