

PC Practice Practical List- AMTICS

1	Write a program to calculate simple interest ($i = (p*r*n)/100$) Where i = Simple interest p = Principal amount r = Rate of interest n = Number of years
2	Write a program to compute Fahrenheit from centigrade ($f=1.8*c +32$)
3	Write a C program to interchange two numbers.
4	Write a C program to enter a distance in to kilometre and convert it in to meter, feet, inches and centimetre
5	Write a program to read marks of a student from keyboard whether the student is pass or fail. (using if else)
6	Write a C program to find that the accepted number is Negative or Positive or Zero.
7	Write a C program to check whether the entered character is capital, small letter, digit or any special character.
8	Write a program to read marks from keyboard and your program should display equivalent grade according to following table (if else ladder) Marks Grade 100 - 80 Distinction 79 - 60 First Class 59 - 40 Second Class < 40 Fail
9	Write a c program to prepare pay slip using following data. DA = 10% of basic, HRA = 7.50% of basic, MA = 300, PF = 12.50% of basic, Gross = basic + DA + HRA + MA, NET = Gross – PF.
10	Write a C program to input an integer number and check the given number is even or odd.
11	Write a program to reverse a number.
12	Write a program to generate first n number of Fibonacci series.
13	Write a program to find out sum of first and last digit of a given number.
14	Write a program to calculate average and total of 5 students for 3 subjects (use nested for loops).
15	Write a program to evaluate the series $1^2+2^2+3^2+.....+n^2$
16	Write a C program to find $1+1/2! +1/3! +1/4! +.....+1/n!$.
17	Write a program to print following patterns: A AB ABC ABCD ABCDE
18	Write a C program to perform addition and Multiplication of two matrix.
19	Write a program to find maximum element from 3 X 3 matrix.
20	Write a program to print Array in ascending and descending order.

21	Write a program to find a character, replace a character, delete a character, reverse string, convert string into upper case from given string.
22	Write a program to join two strings.
23	Write a program to convert string into toggle string.
24	Write a program to count total numbers of vowel in string and display them.
25	Write a program to enter one string from user and check that string is palindrome or not.
26	Write a program that defines a function to add first n numbers.
27	Write a function in the program to return 1 if number is prime otherwise return 0.
28	Write a function to interchange the values of two variables, say x and y. illustrate the use of this function in a calling function.
29	Write a program to find factorial of a number using recursion.
30	Write a program to convert decimal number into binary using recursion.