

GLS UNIVERSITY
Faculty Of Computer Applications & Information Technology
Integrated MSc(IT)
SEM I
PRACTICALS ON PSP
ASSIGNMENT 3

1.	Write a program to enter two numbers and find the smallest out of them.
2.	Write a program to find maximum of two numbers.
3.	Write a program to check whether the given number is positive or negative
4.	Write a program to check whether the given number is odd or even
5.	Write a program to check whether the character is Vowel or Constant
6.	Write a program to find smallest and the greatest among three numbers.
7.	Write a program to check whether the blood donor is eligible or not for donating blood. The conditions laid down are as under. Use if statement. a) Age should be above 18 yrs but not more than 55yrs. b) Weight should be more than 45kgs.
8.	Write a C Program to input gender and salary of an employee and check whether salary of an employee is taxable or not. (Salary limit for Male :1,50,000 and for female:1,80,000) [Take input gender as 'M' or 'F' and match that.]
9.	Write a Program to Check Whether the Entered Year is Leap Year or not
10.	Write a program to implement calculator using switch case.
11.	Write a program to display the grade according to the percentage entered by the user using else-if ladder. Take the grading as following: percentage ≥ 80 A grade, percentage ≥ 70 B grade, percentage ≥ 60 C grade, percentage ≥ 50 D grade, percentage ≥ 35 E grade, percentage < 35 fail
12.	Write a Program to Display first n numbers of Fibonacci Series, where n is taken from the user
13.	Write a Program to Count Number of even numbers between the range given by the user.
14.	Write a Program to Reverse number given by user. Ex: 548 output 845
15.	Write a program to Calculate the Power of a Number
16.	Write a Program to Check Whether a Number is Prime or Not.
17.	Write a program to Check Armstrong Number

18.	C program to Generate Multiplication Table of n, where n will be given by the user
19.	Write a Program to Find Sum of digits of a given number. Ex input 255 output 12
20.	Write a Program to check whether string is palindrome or not Ex input 545 output It is a palindrome number
21.	Write a program to Print take number of rows from the user * ** *** **** *****
22.	Write a program to Print take number of rows from the user * * * * * * * * * * * * * * *
23.	Write a program to Print take number of rows from the user 1 12 123 1234
24.	Write a program to Print take number of rows from the user 1 22 333 4444
25.	Write a program to Print take number of rows from the user A AB ABC ABCD

26.	<p>Write a program to Print take number of rows from the user</p> <pre> 1 23 456 78910 </pre>
27.	<p>Write a program to Print take number of rows from the user</p> <pre> ##### #### ### ## # </pre>
28.	<p>Write a program to Print take number of rows from the user</p> <pre> 1234 234 34 4 </pre>
29.	<p>Write a program to Print take number of rows from the user</p> <pre> AAAA BBB CC D </pre>
30.	<p>Write a program to Print take number of rows from the user</p> <pre> abcd abc ab a </pre>
31.	<p>Write a program to Print take number of rows from the user</p> <pre> 1 11 111 </pre>