

JAYPEE UNIVERSITY OF ENGINEERING & TECHNOLOGY,
GUNA
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Computer Programming Lab (14B17CI171)
B.Tech. (CSE/ECE/MECH/CE/CHE) Semester-I

Lab Practice 10
Loop

1. Consider two numbers are entered through the keyboard. Write a program to find the value of one number raised to the power of another. (For example x and y are input variables and output is x^y)
2. Write a program to find input number is Prime or not.
3. Write a program to print all the ASCII values and their equivalent characters using a while loop. The ASCII values vary from 0 to 255. Use formatting options with printf to display ASCII values and corresponding characters in a tabular form.
4. Write a program to read a number N and print all its divisors.
5. Write a program to find that given number is perfect number or not.
6. Write a program for computing factorial N ($N!$).
7. Write a program that accepts N numbers as an input and print sum and average of N numbers.
8. Write a program for computing the sum of digits in a number.
9. Write a program to find that given number is Armstrong number or not.
10. Write a program to find that given number is palindrome or not.
11. Write a program to enter the numbers till the user wants and at the end it should display the count of positive, negative and zeros entered.