Pre-Course - Computer Programming
DSSC - 2021/2022

Unit 3

Ex. 1

Write a program to both compute and print the sum of 10 and 13.

Ex. 2

Write a program to both compute and print the square of 1234.

Ex. 3

Write a program to both compute and print the sum of all the natural numbers smaller than 10000.

Ex. 4

Write a program to both compute and print the squares of all the natural numbers smaller than 10000.

Ex. 5

A prime numer is a number greater than 1 that is divisible only by 1 and itself without remainder. Write a program to establish whether 12345679 is a prime number or not.

Ex. 6

Write a program to compute and print the smallest 50 prime numbers.

Ex. 7

Write a program to compute the integer cube root of 123456789 by using as control flow statement exclusively the *while* loop.

Ex. 8

Write a program to compute and print the integer cube roots of all the natural numbers smaller that 10000.

Ex. 9

Write a program to discover the greatest number representable by the `short`, `int`, `long int`, and `long long int` data types.