

Functions

Objectives :

The goal of this practical work is to apply functions

A. Some basic exercises

Exercise 1. Write a program infoAze that :

- a) Takes an input from the user .If this number is 1. give the symbols of Azerbaijan
- b) If the number is 2 Give the name of capital of Azerbaijan
- c) If the user gives the 3 then give some big cities of Azerbaijan.
- d) First of all you have to inform the user about these stuff then if user gives the another value give an error using functions (with error code)

Exercise 2. Create by yourself some students with their id. Then inform about these stuff the user. Call by id give the some information about this student.

B. Some strict problems

Exercise 1

Write two functions for find small and large integer. Function for small call "minimum" , other is "maximum". Then write new functions for double. Which is more useful for double or for integer and explain why?

Exercise 2

- a) Write a code using function to find a cube of given number.
- b) Write this code for x^y

Exercise 3

Write a code using function to find if it's primary or not primary.

Exercise 4

Write a code using function that takes a number from the user then give these number's multiplication table from 1 to 10

Exercise 5

Write a code using functions that takes a big number from the user and gives a) the number of digits and b) some of the digits