

University of Mohamed Khider, Biskra
Faculty of Economics, Business and Management Sciences

Subject: Fundamentals of Programming with Python

Level: First Year – Common Core

PW 4

Exercise 1

Write a python program that displays the squares of all numbers from 1 to 20.

Exercise 2

Write a Python program that reads a number from the user and prints all numbers divisible by 4 from 0 up to that number using a for loop.

Exercise 3

Write a Python program that reads a number from the user and uses a *for* loop to calculate the sum of its divisors.

Then, repeat the same task using a *while* loop.

Exercise 4

Write a Python program that reads a text from the user and counts how many vowels it contains. Consider the vowels: a, e, i, o, u (both uppercase and lowercase). Then display the total number of vowels.