**HCSCI 132 Practical Assignment 1 Due Date 03/06/2021 [50 Marks]**

**NB: Each question is worth 25 marks. Create a write up using Microsoft Word showing print screens of source code or attach the source code file and output. Upload document to google classroom or email. Attempt questions in groups of four.**

1. Write a program allows a user to input 5 variables and calculate the:
2. Sum
3. Average
4. Compare their assigned values using comparison operators.
5. Check if each variable is an odd number or even number
6. Print all the values of variable for a), b), c) and d)
7. Write a program which allows an admissions personnel to enter the names of potential students, points obtained and contact number in selected data structures. Based on the points obtained apply the following the conditions:

* Sciences combination 5-8 allocate AS
* Sciences combination 9-11 allocate CS
* Sciences combination 12-15 allocate GS or MED
* Commercial combination 9-15 allocate IS
* Arts combination 5-9 allocate Media
* Arts combination 10-15 allocate Law
* All points below 5 for Sciences recommend bridging
* All points below 9 for commercials reject
* All points below 5 for Arts reject

**N.B.** Maximum number of students enrolled per programme should not exceed 40.