

**BITS PILANI, DUBAI CAMPUS**  
**DUBAI INTERNATIONAL ACADEMIC CITY, DUBAI**  
**SECOND SEMESTER 2022 - 2023**

|                  |                                  |             |   |
|------------------|----------------------------------|-------------|---|
| <b>COURSE</b>    | : COMPUTER PROGRAMMING (CS F111) |             |   |
| <b>COMPONENT</b> | : Practical Week 1               | <b>DATE</b> | : 20 <sup>th</sup> Feb- 24 <sup>th</sup> Feb 2023 |

**Q1.** Write a C program to accept the marks obtained by a student in 5 courses and calculate the average and percentage. (Consider maximum marks in a course is 100).

**Q2.** Write a C program to accept the radius of the circle and find the area & perimeter of the circle:

for example, the constant for  $\pi=3.14$

Area= $\pi r*r$ ; and perimeter = $2*\pi*r$ ;

**Q3.** The total salary of any employee is a combination of basic, HRA, and allowance. The HRA is 40% of Basic. The basic and allowance will be accepted by the user. Write a C program to calculate the total salary and display it.

**Q4.** Write a C program to accept 4 digit number from the input device and perform the sum of its digits.

example: Input: 1234

output:  $4 + 3 + 2 + 1 = 10$

**\*\*\*END\*\*\***