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University of Science and Technology of Hanoi

Academic year: 2020-2021

**BASIC PROGRAMMING**

**LABWORK 2: Variables, Data Type, Operators and Expressions**

**Exercise 1:** Write a C program to calculate an area and circumference of a circlewith a preassigned radius and with a radius input from the keyboard.

**Exercise 2:** Write a C program to calculate a value of a polynomial with three known constant parameters a=1, b=2, and c=1 and the variable input from the keyboard.

**Exercise 3:** Use math funtions in C standard library to calculate a value of the following expression

with three parameters a, b, and c input from the keyboard.

**Exercise 4:** Write a C program to convert a temperature form Centigrade to

Fahrenheigh.

**Exercise 5:** Write a C program to swap the values of two variables without using

a third one.