**North South University**

**Project Proposal**

**CSE115 LAB \* Summer 16 \* Section:02(RjP)**

**Project Name :**

**A. Periodic Table Elements Details**

**B. Band Resistor Color Code Calculator**

**Submitted by :**

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**Submission date :** 23.07.2016

1. **Periodic Table Elements Details**

**Overview:**

This program will help students to get the details regarding each element which are available within the periodic table. Users will need to input the atomic numbers or symbol. The system will then show the detail of periodic element name, properties (such as atomic number & atomic mass) & their location in the periodic table.

**Objectives:**

The main objective of the project is to get the details of each element by just one click. This program is easy to run & display details of periodic  
table elements for each periodic number or symbol entered by user.

**B. Band Resistor Color Code Calculator**

**Overview :**

The application that will help its users to calculate the resistance & tolerance of a resistors using color codes. Users will need to enter the color of band resistor (**black, brown, red, orange, yellow, green, blue, violet, grey, white**) then the system will calculate and show the resistance & tolerance of a resistors.

**Objectives:**

To make easier to get the resistance and tolerance of a resistors. And also less time consuming.

**Tools and Resources: C programming language and Code :: Blocks.**