SE115 – LAB#4   2014-2015 FALL

Aim: Understanding the flow of control using the loop structures.

1. Write a program that does the following **using loops**

    a. Print out years, starting from your birth year to current year.

    Sample Output (considering my birth year is 1990):

```
1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998,
1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007,
2008, 2009, 2010, 2011, 2012, 2013, 2014
```

    b. Declare an integer and assign its value to 0. From the year after your birth year to the current year, increase this value by 1 for each year. (Make sure that the final value will be equal to your age.)

    Sample Output (considering my birth year is 1990):

```
I was born in 1990 and currently it is 2014.
Therefore, my age is 24.
```

2. Write a program that prints the following output. **You must use nested loops.**

    Output:

```
CCCCC
CCCC
CCC
CC
C
```

3. Write a program that takes an age value and displays its corresponding age group.
(0 – 3 "BABY" , 4 – 12 "CHILD", 13 – 19 "TEENAGER", 20 – 40 "ADULT", 41 – 65 "MIDDLE-AGED", 65+ "ELDER")

    Sample Output:

```
Please enter your age: 24
Your age group is ADULT
```