Problem : 5 – Extra Credit [Optional]

5. (MyDate Class) Create class MyDate with the following capabilities:
   [Use Java 8 LocalDate API to solve this problem]

   a) Output the date in multiple formats, such as
    MM/DD/YYYY
   June 14, 2016
    DDD YYYY

   b) Use overloaded constructors to create MyDate objects initialized with dates of the
   formats in part (a).
      1. In the first case the constructor should receive three integer values.
      2. In the second case it should receive a String and two integer values.
      3. In the third case it should receive two integer values, the first of which represents
         the day number in the year.

   c) Get the choices from the user as follows and supply input through console.

      Enter 1 for format: MM/DD/YYYY

      Enter 2 for format: Month DD, YYYY

      Enter 3 for format: DDD YYYY

      Enter 4 to exit

 Sample output :

Enter 1 for format: MM/DD/YYYY
Enter 2 for format: Month DD, YYYY
Enter 3 for format: DDD YYYY
Enter 4 to exit
Choose your Choice :
1
Choice: 1
Enter Month:
12
Enter Day:
28
Enter Year:

2015

MM/dd/yyyy: 12/28/2015
MMMM dd,yyyy:December 28,2015
DDD yyyy:362 2015
Do you want to Continue :
y

Enter 1 for format: MM/DD/YYYY
Enter 2 for format: Month DD, YYYY
Enter 3 for format: DDD YYYY
Enter 4 to exit
Choose your Choice :
2
Choice: 2
Enter Month in text:
January
Enter Day:
26
Enter Year:
2004
MM/dd/yyyy: 01/26/2004
MMMM dd,yyyy:January 26,2004
DDD yyyy:026 2004
Do you want to Continue :
Y

Enter 1 for format: MM/DD/YYYY
Enter 2 for format: Month DD, YYYY
Enter 3 for format: DDD YYYY
Enter 4 to exit
Choose your Choice :
3
Choice: 3
Enter Day of Year:
221
Enter Year:
2016
MM/dd/yyyy: 08/08/2016
MMMM dd,yyyy:August 08,2016
DDD yyyy:221 2016
Do you want to Continue :
n
Terminated