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Part 1:

1.a) Please see code in **Lab4Part1Spr17.java**

1.b) The variable count is counting the user inputs (how many inputs the user gave until he entered "done"). At the end of the program, the variable count, tells the user the total number of dates

1.c) It is repetition control structure (while)

1.d) Please see code in **Lab4Part1Spr17.java**

1.e) The value of mthct means the sequence of the month in the year; ex: mthct of May = 5

1.f) The variable ("monthName" which was previously moth) should be used to control the switch because in switch the program switches the monthName with another phrase.

1.g) Please see code in **Lab4Part1Spr17.java**

1.h) Please see code in **Lab4Part1Spr17.java**

Part 2:

2.a) Please see **java files for Part 2; file name: Lab4datesFile.txt inside** lab4SafauldeenR folder

2.b) Please see code in **Lab4Part2Spr17.java**

2.c) Please see code in **Lab4Part2Spr17.java**

2.d) *dayNumber* is read the day of the month.

Ex 1: Tuesday Feb 21 2017 in this example the dayNumber is 21

Ex 2: Monday July 4 2016 in this example the dayNumber is 4

2.e) The purpose of *makeNum* method isto convert the dayNumber from string to integer and return the value to main then save it in the variable dayOfMonth as an integer.

2.f) Please see code in **Lab4Part2Spr17.java**

2.g) Please see code in **Lab4Part2Spr17.java**

2.h) Please see code in **Lab4Part2Spr17.java**

2.i) The output file is in lab4SafauldeenR folder