LAB 2 –

Q1

import java.time.Month;

public class MonthDays {

public static void main(String[] args) {

for (Month month : Month.values()) {

int daysInMonth = getDaysInMonth(month);

System.out.println(month + ": " + daysInMonth + " days");

}

}

private static int getDaysInMonth(Month month) {

switch (month) {

case JANUARY:

case MARCH:

case MAY:

case JULY:

case AUGUST:

case OCTOBER:

case DECEMBER:

return 31;

case APRIL:

case JUNE:

case SEPTEMBER:

case NOVEMBER:

return 30;

case FEBRUARY:

return 28; // In a non-leap year

default:

return -1; // Invalid month

}

}

}

OUTPUT –

