class Switch {

public static void main(String[] args) {

int month = 5;

int year = 2014;

int numDays = 0;

switch (month) {

case 1:

case 3:

case 5:

case 7:

case 8:

case 10:

case 12:

numDays = 31;

break;

case 4:

case 6:

case 9:

case 11:

numDays = 30;

break;

case 2:

if ( ((year % 100 == 0) )

{

if ((year % 400 == 0) )

{

numDays = 29;

}

else

numDays = 28;

break;

default:

System.out.println("Invalid month.");

break;

}

System.out.println("Number of Days = " + numDays);

}

}