

Part 1 :

Write a program that randomly generates an integer between 1 and 12 and based on the number, use switch case syntax to print which month has been chosen 1 for "January" , 2 for "Februaray"

Part 2 :

Write a program that prompts the user to enter the month and year and displays the number of days in the month. For example, if the user entered month 2 and year 2012, the program should display that February 2012 had 29 days. If the user entered month 3 and year 2015, the program should display that March 2015 had 31 days.

use this link-> <https://coda.io/@haless/simple-online-calculator-for-dates-and-times/how-many-months-of-the-year-have-28-days-13>
don't forget about leap years that have 29 days !!!

Part 3 :

Write a program to prompt user to enter the following information

- 1- "Please Enter your first name"
- 2- Take user's first name
- 3- show a message "Please Enter your last name"
- 4- Take user's last name
- 5- show a message "Please Enter your age"
- 6- Take user's age
- 7- Show the user a message that uses those values => *Hello : last name, you have year's old; nice to meet you!* -> use printf
- 8- Create a random number between 1 and 50
- 9- Show a message "Please guess a number between 1 and 50"
- 10- After user entered the number, check If the number is equal print message "you are lucky"
- 11- if the number is greater than the generate number, then message the user => "Choose a smaller one you, you were unlucky"
- 12- if the number is smaller than the generate number, then message the user => "Choose a bigger one, you were unlucky"