

## School Nova Computer Science 101 Homework 5

*Save your code as lastname\_homework5.py and submit on Google Classroom*

### **Task 1**

Ask a user: which country's capital they would like to know. Using if statement and membership operator 'in' provide possible answers, similar to what we did in class.

### **Task 2**

Instead of using multiple IF statements, use IF ELIF statement. Make sure to have multiple capitals/countries. If you do not have an answer given the user's country, provide a response to the user that you do not have information for such country (hint: use IF ELIF ELSE).

### **Task 3**

Ask the user, which hobby they prefer the most: books, movies, or video games. Depending on the answer, ask the user the following questions:

“What is your favorite book?”

“Which movie did you watch most recently?”

“Which video game do you play right now?”

Finally, reply with a statement: “Nice! [useranswer2] is a really good [useranswer1] .

For example, if a user types “books” and “Hobbit”, the statement will be “Nice! Hobbit is a really good book.

### **Task 4**

Make sure the grammar in Task 3 statement is correct. If the users enters “books” as useranswer1, your statement says “book”, not “books”.