Analyze Nobel Prize winner data and identify patterns by answering the following questions:

What is the most commonly awarded gender and birth country?

* Store your answers as string variables top\_gender and top\_country.

Which decade had the highest ratio of US-born Nobel Prize winners to total winners in all categories?

* Store this as an integer called max\_decade\_usa.

Which decade and Nobel Prize category combination had the highest proportion of female laureates?

* Store this as a dictionary called max\_female\_dict where the decade is the key and the category is the value. There should only be one key:value pair.

Who was the first woman to receive a Nobel Prize, and in what category?

* Save your string answers as first\_woman\_name and first\_woman\_category.

Which individuals or organizations have won more than one Nobel Prize throughout the years?

* Store the full names in a list named repeat\_list.