Literature Search # Part 1 (*Question-answering systems*)

IBM Watson is a question-answering system that outperforms humans in Quiz Show Jeopardy. It provides an amazing example of how computer scientists can equip the computer with enough common sense to compete with humans. Do the following things and put down your findings in your report.

1. Watch the Youtube videos on [IBM Watson in the Jeopardy show](#) and [Science behind Watson](#). Browse through this [NewYork Times article](#) to get a sense of IBM Watson and the state of the art of *question-answering system*. **In your report, put down at least 300 words describing the most striking things you got from the videos and the news article.**

2. Imagine you are required to write a short survey paper on the subject of the state of the art of *question-answering system* such as IBM Watson and the related artificial intelligence techniques for natural language processing. Before we meet next week in the library, try on your own to find 5 different sources of information on the subject. **In your report, (i) list these sources of information you found, (ii) rate the quality (reliability, accuracy, and depth of exploration) of each of these sources in a scale of 0 to 5, (iii) describe how you determine the quality of the source.**

3. **Send** in your report through [Biola Canvas](#).

Note that we'll have a library visit later and an additional follow-up assignment to come:

On Friday **September 28**, our class meeting will be at the **Library Instruction Lab** (just to the right of the entrance of the library) to learn about literature search using the resources available from the Biola library. After the class, you'll have a follow-up assignment, asking you to locate additional high-quality books and peer-review articles on the subject.