

The difference between forward and backward chaining is: Backward chaining starts with a goal and then searches back through inference rules to find the facts that support the goal. Forward chaining starts with facts and searches forward through the rules to find a desired goal. A simple example would be when I am selecting my courses for the semester and I need to fulfill a specific requirement. A backward search would be to first search through all courses to see which ones would fulfill that requirement, next find out what time they were scheduled for, and finally I would see if I was free at those times. In a forward search, I would see what times I had free in my schedule, find out which courses are offered at that time, and finally check if those courses would fulfill my requirement.