* guessingGame Servlet
  + How does it create its model?
    - Create new model at each post w/
      * GuessingGame model = new GuessingGame();
  + How does it create controller?
    - Similar to the model
      * GuessingGameController controller = new GuessingGameController();
  + Then assigns a reference to the model so the controller can access.
    - controller.setModel(model);
* guessingGame Model
  + check structure
    - isDone()
      * public boolean isDone() {

return min == max;

}

* + - getMin()
      * public int getMin() {

return min;

}

* + - getMax()
      * public int getMax() {

return max;

}

* how is model passed to guessingGame JSP from Servlet?
  + Set the attribute to the model reference. Use “game”
    - req.setAttribute(“game”, model);
  + after setting this, then need to use a Request Dispatcher to send to JSP to render page update
    - req.getRequestDispatcher("/\_view/guessingGame.jsp").forward(req, resp);
* guessingGame.java
  + use name for model (“game”) to access data in model
    - game.done = model.isDone()
    - game.min = model.getMin()
    - game.max = model.getMax()
* addNumbersServlet / multiplyNumbersServlet
  + make similar changes to pass the model in the HTTP request to the JSP
* Numbers.java
  + create Numbers.java class for model
  + change JSPs (addNumbers / multiplyNumbers) to access model directly
  + use model reference passed to JSP (game.min for example)
* Side-Note
  + HTTP request not passed to the model
  + Put a reference to the model in the HTTP request
    - Gets passed to JSP
      * JSP can pull data directly from model (see guessingGame.jsp)

// Add parameters as request attributes

// this creates attributes named "first" and "second" for the response, and grabs the

// values that were originally assigned to the request attributes, also named "first" and "second"

// they don't have to be named the same, but in this case, since we are passing them back

// and forth, it's a good idea

req.setAttribute("first", req.getParameter("first"));

req.setAttribute("second", req.getParameter("second"));

req.setAttribute("third", req.getParameter("third"));