1. List the members of your group below. Underline your name.

2. (4 pts.) This question, and the next few, ask for the result of evaluating the given expression using the `sml` REPL (read-eval-print loop of *Standard ML of New Jersey*). Assume that the expressions are evaluated in the order listed.

   In your response, *draw a* ***box*** *around the* ***type*** *and* ***`oval`*** *around the* ***value***. If there is an error then clearly state the error. **Explain** your answers briefly for better partial credit.

   ```
   7 * 36 div 6 div 2 * 3;
   ```

3. (3 pts.)

   ```
   fun f101 (f, nil) = nil
     | f101 (f, h::t)  = f(h) :: f101(f, t);
   ```

4. (3 pts.)

   ```
   f101 ("hello");
   ```

5. (3 pts.)

   ```
   map (fn i => i * i) [3, 1, 4, 1, 5];
   ```

6. (3 pts.)

   ```
   map (fn i => (fn j => i * i + j));
   ```

7. (3 pts.)

   ```
   map map;
   ```

8. (25 pts.) (Reminder: Read carefully!) Provide a complete JCoCo assembly language program that reads a single line of an arbitrary number of whitespace-separated integers on *standard input* and prints a single line of space-separated integers to *standard output*, where each integer in the output is the square of the corresponding integer in the input. **Explain why your program is correct** using comments and separate text.