Reconstructing the image in MATLAB

- To reconstruct the image via MATLAB it will be useful to print out the solution in a usable form for MATLAB.
- Let $x$ be a column array in MATLAB corresponding to your solution. Use the following commands.

  ```matlab
  S=reshape(x, 30,36)';
  image(S);
  colormap jet
  ```

- You may also try other colormaps, for example

  ```matlab
  colormap prism  or  colormap(1-bone(112))
  ```

- If the image is too dark you can brighten it, for example:

  ```matlab
  brighten(0.3)
  ```