



The image shows a MATLAB Editor window with the file `C:\Users\ivani\OneDrive\Desktop\CPT_S 534\ass9a.m` open. The editor has several tabs: `update_PLA.m`, `ass9a.m`, `ass9b.m`, and `ass10.m`. The `ass9a.m` tab is active, showing the following code:

```
1 w = [1; 1];
2 xp = [0; 1];
3 x0 = [0; 0];
4
5 [b, margin] = bias_equal_margins(w, xp, x0);
6
7
8 disp(['Bias (b): ', num2str(b)]);
9 disp(['Margin: ', num2str(margin)]);
10
```

Below the editor is the Command Window, which displays the output of running the script:

```
>> ass9a
Bias (b): -0.5
Margin: 0.35355
fx >>
```

A yellow banner in the Command Window reads: "New to MATLAB? See resources for [Getting Started](#)."