

```
1.  for (int row = 0; row < num_rows; row++) {
2.      float dot = 0;
3.      int row_start = row_ptr[row];
4.      int row_end = row_ptr[row+1];

5.      for (int elen = row_start; elen < row_end; elen++) {
6.          dot += data[elen] * x[col_index[elen]];
7.      }

8.      y[row] += dot;
9.  }
```