modules/grid_search.py

```python
# -*- coding: utf-8 -*-
"""Exercise 2.

Grid Search
"""

import numpy as np


def generate_w(num_intervals):
    """Generate a grid of values for w0 and w1."""
    w0 = np.linspace(-100, 200, num_intervals)
    w1 = np.linspace(-150, 150, num_intervals)
    return w0, w1


def get_best_parameters(w0, w1, losses):
    """Get the best w from the result of grid search."""
    min_row, min_col = np.unravel_index(np.argmin(losses), losses.shape)
    return losses[min_row, min_col], w0[min_row], w1[min_col]
```