

a) Python

```
1: from oceantracker.main import OceanTracker
2: # make instance of oceantracker
3: ot = OceanTracker()
4:
5: # add settings
6: ot.settings(run_output_dir='output', )
7: # reader for hindcast files, format is auto detected
8: ot.add_class('reader',
9:             input_dir= '..\\demos\\demo_hindcast',
10:            file_mask= 'demoHindcastSchism*.nc')
11: # add (x,y,z) locations where particles are released
12: # note: can add multiple release groups
13: ot.add_class('release_groups', name='my_release_points',
14:            points= [[1595000., 5482600., -1.],
15:                    [1599000., 5486200., -2.]],
16:            release_interval= 3600, pulse_size= 10)
17: # start computation
18: ot.run()
19:
```

b) YAML

```
1: output_file_base: minimal_example
2: root_output_dir: output
3: reader:
4:   input_dir: " ..\\demos\\demo_hindcast"
5:   file_mask: "demoHindcastSchism*.nc"
6: release_groups:
7:   my_release_point:
8:     points: [[1595000,5482600],
9:             [1599000,5486200]]
10:   release_interval: 3600
11:   pulse_size: 10
```

c) JSON

```
1: {
2:   "output_file_base": "minimal_example",
3:   "root_output_dir": "output",
4:   "reader": {
5:     "input_dir": " ..\\demos\\demo_hindcast"
6:   },
7:   "file_mask": "demoHindcastSchism*.nc"
8: },
9: "release_groups": {
10:   "my_release_point": {
11:     "points": [[1595000,5482600],
12:               [1599000,5486200]],
13:     "release_interval": 3600,
14:     "pulse_size": 10}
15: }
```