```python
 1: import even_samples
 2: import cifar_costf
 3: import numpy as np
 4: import keras
 5:
 6: a = {
 7:     "best_params": [
 8:         913.957430854217,         # minibatch
 9:         0.0015701252586464568,    # alpha
10:         0.6575874719325618,       # beta_1
11:         0.932720394784433,        # beta_2
12:         81.32088463431727         # num_epochs
13:     ],
14:     "best_cost": 1.8064099550247192
15: }
16:
17:
18: b = {
19:     "best_params": [
20:         534.4469442210992,        # minibatch
21:         0.0006231460669478447,    # alpha
22:         0.7991814790199026,       # beta_1
23:         0.9007039736299371,       # beta_2
24:         44.05592177501114         # num_epochs
25:     ],
26:     "best_cost": 1.7486121654510498
27: }
28:
29: b_mod = {
30:     "best_params": [
31:         742.2428227795274,        # minibatch
32:         0.0009079703308546692,    # alpha
33:         0.8199336231638713,       # beta_1
34:         0.6038924210437369,       # beta_2
35:         64.06011278706069         # num_epochs
36:     ],
37:     "best_cost": 1.7933474779129028
38: }
39:
40: versions = [("a", a), ("b", b),("b_mod", b_mod)]
41:
42: (x_train, y_train), (x_test, y_test)= even_samples.even_sample_categories(50000)
43: with open("final-check.txt", "w") as f:
44:     for name, version in versions:
45:         params = np.array(version["best_params"])
46:         cost = cifar_costf.costf(params, (x_train[:1000],y_train[:1000]), (x_train[1000:],y_train[1000:]))
47:         version["test_cost"] = cost
48:         version["name"] = name
49:         print(version, file=f)
```