```
BM ELS
Approx. optimal solution x:
  -1.0000
   1.0000
Associated optimal value f(x): -1.0000
Number of iterations:
GM const step size
Approx. optimal solution x:
  -1.0001
   1.0001
Associated optimal value f(x): -1.0000
Number of iterations: 95
GM backtracking
Approx. optimal solution x:
  -1.0000
   1.0000
Associated optimal value f(x): -1.0000
Number of iterations: 20
BM ELS
Approx. optimal solution x:
   0.0525
  -0.0151
  -0.4217
  -0.1094
   0.6143
Associated optimal value f(x): 0.0018
Number of iterations: 45
GM const step size
Approx. optimal solution x:
   0.0640
  -0.0510
  -0.4283
  -0.0937
   0.6438
Associated optimal value f(x): 0.0023
Number of iterations: 758
GM backtracking
Approx. optimal solution x:
   0.0502
  -0.0024
  -0.4181
  -0.1140
   0.6040
```

```
Associated optimal value f(x): 0.0017
Number of iterations: 80
GM const step size
Approx. optimal coefficients w_0, w_1, w_2:
  1.0e+04 *
   4.6087
  0.0152
  -0.1554
Number of iterations: 4
Prediction for price of house with 2080 ft^2, 4 bedrooms:
  3.5614e+05
Approx. optimal solution x:
   1.0095
   1.0192
Associated optimal value f(x): 0.0001
Number of iterations: 69458
>>
```