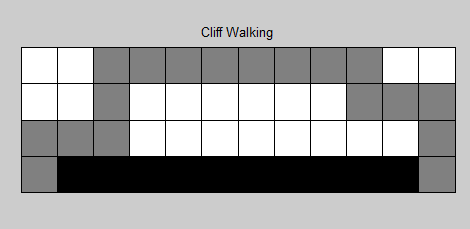
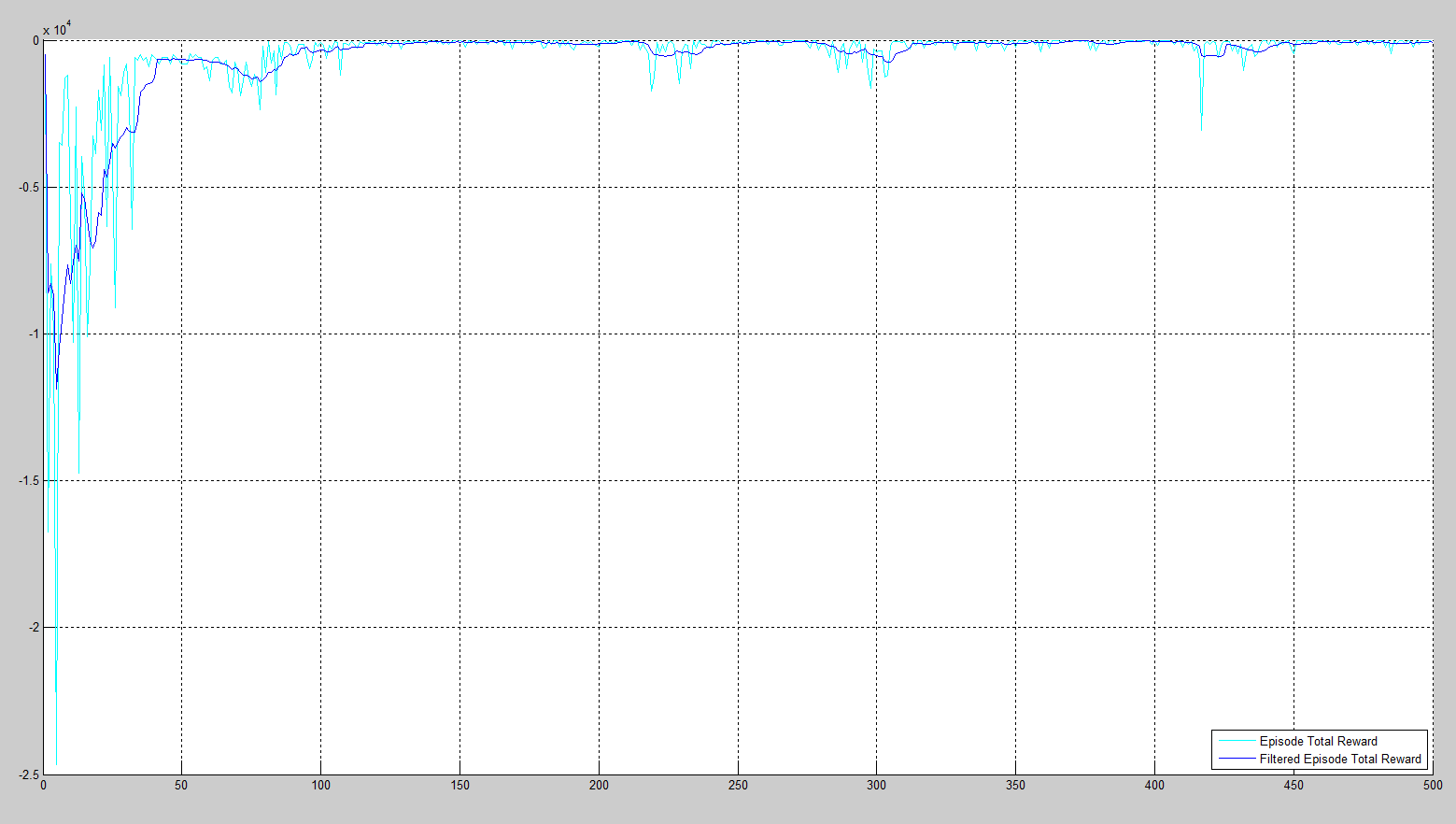
Monte-Carlo:

Solution:





Iteration 1: Episode Length 500 Epsilon = 0.300000

Iteration 2: Episode Length 500 Epsilon = 0.300000

Iteration 3: Episode Length 500 Epsilon = 0.300000

Iteration 4: Episode Length 500 Epsilon = 0.300000

Iteration 5: Episode Length 500 Epsilon = 0.300000

Iteration 6: Episode Length 500 Epsilon = 0.300000

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Iteration 15: Episode Length 500 Epsilon = 0.300000

Iteration 16: Episode Length 500 Epsilon = 0.300000

Iteration 17: Episode Length 500 Epsilon = 0.300000

Iteration 18: Episode Length 486 Epsilon = 0.300000

Iteration 19: Episode Length 500 Epsilon = 0.300000

Iteration 20: Episode Length 500 Epsilon = 0.300000

Iteration 21: Episode Length 500 Epsilon = 0.300000

Iteration 22: Episode Length 252 Epsilon = 0.300000

Iteration 23: Episode Length 500 Epsilon = 0.300000

Iteration 24: Episode Length 500 Epsilon = 0.300000

Iteration 25: Episode Length 500 Epsilon = 0.300000

Iteration 26: Episode Length 404 Epsilon = 0.300000

Iteration 27: Episode Length 500 Epsilon = 0.300000

Iteration 28: Episode Length 500 Epsilon = 0.300000

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Iteration 30: Episode Length 500 Epsilon = 0.300000

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Iteration 52: Episode Length 500 Epsilon = 0.300000

Iteration 53: Episode Length 470 Epsilon = 0.300000

Iteration 54: Episode Length 500 Epsilon = 0.300000

Iteration 55: Episode Length 500 Epsilon = 0.300000

Iteration 56: Episode Length 378 Epsilon = 0.300000

Iteration 57: Episode Length 500 Epsilon = 0.300000

Iteration 58: Episode Length 500 Epsilon = 0.300000

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Iteration 67: Episode Length 500 Epsilon = 0.300000

Iteration 68: Episode Length 500 Epsilon = 0.300000

Iteration 69: Episode Length 266 Epsilon = 0.300000

Iteration 70: Episode Length 500 Epsilon = 0.300000

Iteration 71: Episode Length 500 Epsilon = 0.300000

Iteration 72: Episode Length 500 Epsilon = 0.300000

Iteration 73: Episode Length 438 Epsilon = 0.300000

Iteration 74: Episode Length 484 Epsilon = 0.300000

Iteration 75: Episode Length 500 Epsilon = 0.300000

Iteration 76: Episode Length 285 Epsilon = 0.300000

Iteration 77: Episode Length 500 Epsilon = 0.300000

Iteration 78: Episode Length 500 Epsilon = 0.300000

Iteration 79: Episode Length 116 Epsilon = 0.300000

Iteration 80: Episode Length 500 Epsilon = 0.300000

Iteration 81: Episode Length 51 Epsilon = 0.300000

Iteration 82: Episode Length 174 Epsilon = 0.300000

Iteration 83: Episode Length 68 Epsilon = 0.300000

Iteration 84: Episode Length 459 Epsilon = 0.300000

Iteration 85: Episode Length 72 Epsilon = 0.300000

Iteration 86: Episode Length 368 Epsilon = 0.300000

Iteration 87: Episode Length 70 Epsilon = 0.300000

Iteration 88: Episode Length 82 Epsilon = 0.300000

Iteration 89: Episode Length 166 Epsilon = 0.300000

Iteration 90: Episode Length 330 Epsilon = 0.300000

Iteration 91: Episode Length 265 Epsilon = 0.300000

Iteration 92: Episode Length 146 Epsilon = 0.300000

Iteration 93: Episode Length 130 Epsilon = 0.300000

Iteration 94: Episode Length 128 Epsilon = 0.300000

Iteration 95: Episode Length 356 Epsilon = 0.300000

Iteration 96: Episode Length 361 Epsilon = 0.300000

Iteration 97: Episode Length 258 Epsilon = 0.300000

Iteration 98: Episode Length 83 Epsilon = 0.300000

Iteration 99: Episode Length 97 Epsilon = 0.300000

Iteration 100: Episode Length 74 Epsilon = 0.300000

Iteration 101: Episode Length 90 Epsilon = 0.300000

Iteration 102: Episode Length 228 Epsilon = 0.300000

Iteration 103: Episode Length 168 Epsilon = 0.300000

Iteration 104: Episode Length 105 Epsilon = 0.300000

Iteration 105: Episode Length 52 Epsilon = 0.300000

Iteration 106: Episode Length 93 Epsilon = 0.300000

Iteration 107: Episode Length 500 Epsilon = 0.300000

Iteration 108: Episode Length 123 Epsilon = 0.300000

Iteration 109: Episode Length 110 Epsilon = 0.300000

Iteration 110: Episode Length 166 Epsilon = 0.300000

Iteration 111: Episode Length 59 Epsilon = 0.300000

Iteration 112: Episode Length 60 Epsilon = 0.300000

Iteration 113: Episode Length 65 Epsilon = 0.300000

Iteration 114: Episode Length 37 Epsilon = 0.300000

Iteration 115: Episode Length 100 Epsilon = 0.300000

Iteration 116: Episode Length 71 Epsilon = 0.300000

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Iteration 120: Episode Length 82 Epsilon = 0.300000

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Iteration 122: Episode Length 64 Epsilon = 0.300000

Iteration 123: Episode Length 53 Epsilon = 0.300000

Iteration 124: Episode Length 60 Epsilon = 0.300000

Iteration 125: Episode Length 155 Epsilon = 0.300000

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Iteration 127: Episode Length 25 Epsilon = 0.300000

Iteration 128: Episode Length 50 Epsilon = 0.300000

Iteration 129: Episode Length 91 Epsilon = 0.300000

Iteration 130: Episode Length 84 Epsilon = 0.300000

Iteration 131: Episode Length 36 Epsilon = 0.300000

Iteration 132: Episode Length 60 Epsilon = 0.300000

Iteration 133: Episode Length 91 Epsilon = 0.300000

Iteration 134: Episode Length 24 Epsilon = 0.300000

Iteration 135: Episode Length 39 Epsilon = 0.300000

Iteration 136: Episode Length 69 Epsilon = 0.300000

Iteration 137: Episode Length 61 Epsilon = 0.300000

Iteration 138: Episode Length 36 Epsilon = 0.300000

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Iteration 157: Episode Length 23 Epsilon = 0.300000

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Iteration 159: Episode Length 22 Epsilon = 0.300000

Iteration 160: Episode Length 41 Epsilon = 0.300000

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Iteration 163: Episode Length 20 Epsilon = 0.300000

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Iteration 195: Episode Length 53 Epsilon = 0.300000

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Iteration 213: Episode Length 22 Epsilon = 0.300000

Iteration 214: Episode Length 31 Epsilon = 0.300000

Iteration 215: Episode Length 50 Epsilon = 0.300000

Iteration 216: Episode Length 102 Epsilon = 0.300000

Iteration 217: Episode Length 89 Epsilon = 0.300000

Iteration 218: Episode Length 366 Epsilon = 0.300000

Iteration 219: Episode Length 359 Epsilon = 0.300000

Iteration 220: Episode Length 255 Epsilon = 0.300000

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Iteration 222: Episode Length 136 Epsilon = 0.300000

Iteration 223: Episode Length 44 Epsilon = 0.300000

Iteration 224: Episode Length 104 Epsilon = 0.300000

Iteration 225: Episode Length 74 Epsilon = 0.300000

Iteration 226: Episode Length 55 Epsilon = 0.300000

Iteration 227: Episode Length 56 Epsilon = 0.300000

Iteration 228: Episode Length 214 Epsilon = 0.300000

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Iteration 230: Episode Length 79 Epsilon = 0.300000

Iteration 231: Episode Length 47 Epsilon = 0.300000

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Iteration 260: Episode Length 43 Epsilon = 0.300000

Iteration 261: Episode Length 31 Epsilon = 0.300000

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Iteration 279: Episode Length 39 Epsilon = 0.300000

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Iteration 281: Episode Length 51 Epsilon = 0.300000

Iteration 282: Episode Length 96 Epsilon = 0.300000

Iteration 283: Episode Length 106 Epsilon = 0.300000

Iteration 284: Episode Length 45 Epsilon = 0.300000

Iteration 285: Episode Length 135 Epsilon = 0.300000

Iteration 286: Episode Length 500 Epsilon = 0.300000

Iteration 287: Episode Length 70 Epsilon = 0.300000

Iteration 288: Episode Length 109 Epsilon = 0.300000

Iteration 289: Episode Length 279 Epsilon = 0.300000

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Iteration 495: Episode Length 33 Epsilon = 0.300000

Iteration 496: Episode Length 26 Epsilon = 0.300000

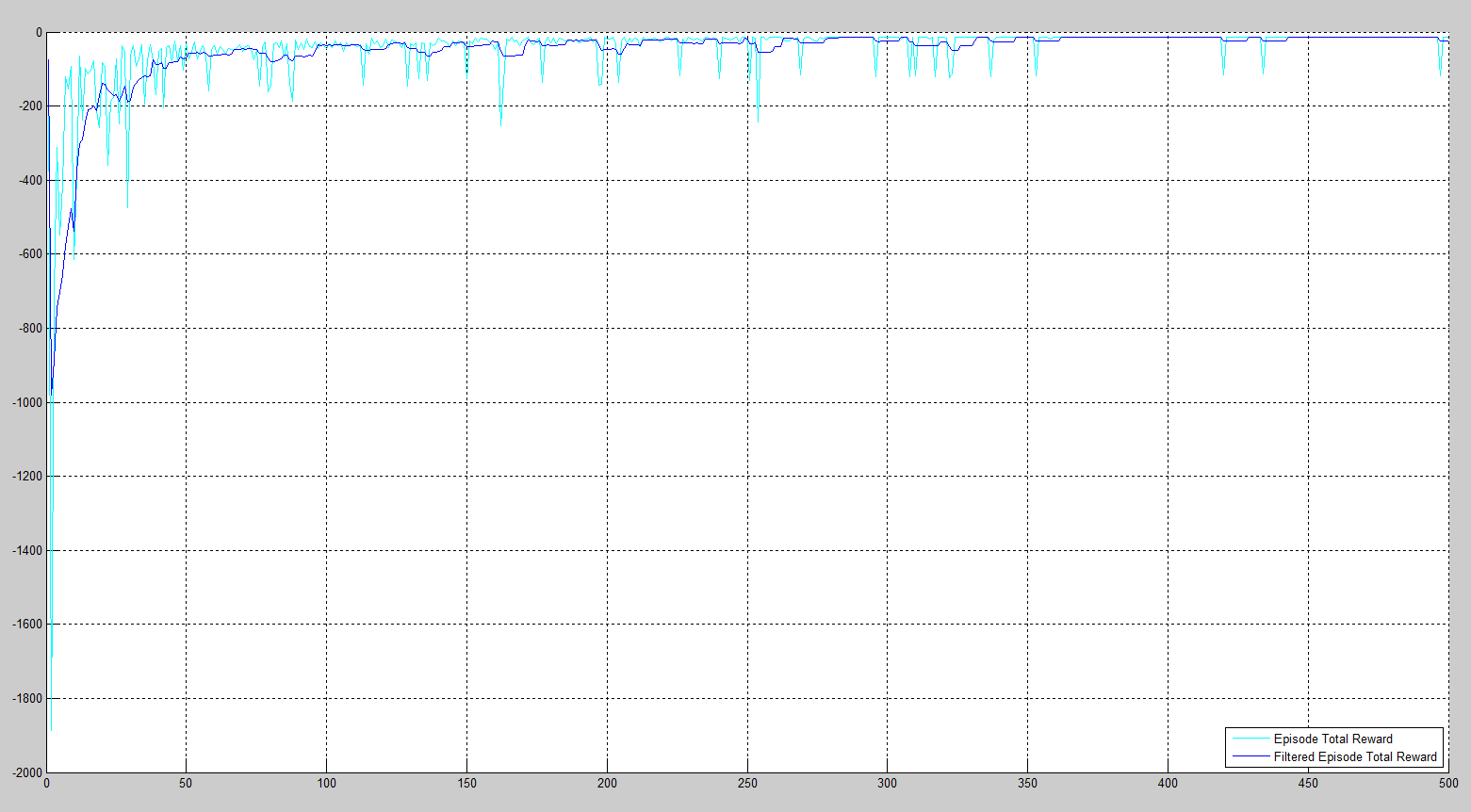
Iteration 497: Episode Length 26 Epsilon = 0.300000

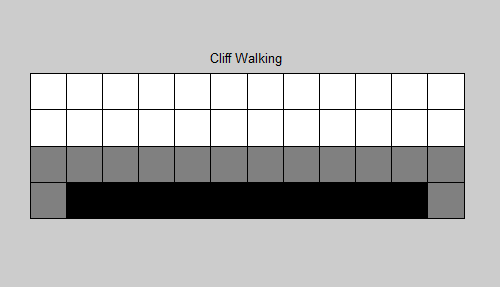
Iteration 498: Episode Length 30 Epsilon = 0.300000

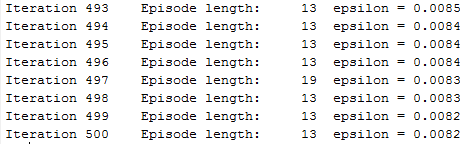
Iteration 499: Episode Length 20 Epsilon = 0.300000

Iteration 500: Episode Length 19 Epsilon = 0.300000

Q-Learning:







Solution:

