Designated Priority: 1

Q-values before update: [[-0.01205321 0.01644367]]

Q-values after update: [[-0.01205298 0.03829568]]

Designated Priority: 1

Q-values before update: [[0.00028295 0.0349686 ]]

Q-values after update: [[-0.0001389 0.06784904]]

Designated Priority: 1

Q-values before update: [[0.00644842 0.08221429]]

Q-values after update: [[0.00621817 0.13602436]]

Designated Priority: 1

Q-values before update: [[0.01376624 0.17001885]]

Q-values after update: [[0.01110103 0.24656913]]

Designated Priority: 1

Q-values before update: [[0.01972094 0.30076557]]

Q-values after update: [[0.01395596 0.40216362]]

Designated Priority: 1

Q-values before update: [[0.02173006 0.4790102 ]]

Q-values after update: [[0.0120801 0.60888106]]

Designated Priority: 1

Q-values before update: [[0.01825202 0.7108943 ]]

Q-values after update: [[0.01579303 0.8639534 ]]

Designated Priority: 1

Q-values before update: [[0.01996264 0.99357814]]

Q-values after update: [[0.01826179 1.1598018 ]]

Designated Priority: 3

Q-values before update: [[0.02415863 1.3184915 ]]

Q-values after update: [[0.02457741 1.3676066 ]]

Episode 1 out of total 100, Total Reward: 9.0, Epsilon: 0.99, Current State: [ 0.18197596 1.7467027 -0.24977913 -2.819116 ], Steps Taken: 9

Designated Priority: 1

Q-values before update: [[-0.02320418 0.15293375]]

Q-values after update: [[-0.02193851 0.16933459]]

Designated Priority: 1

Q-values before update: [[-0.00458095 0.30668178]]

Q-values after update: [[-0.00503734 0.32360193]]

Designated Priority: 1

Q-values before update: [[0.00047741 0.4746521 ]]

Q-values after update: [[0.00226078 0.5013624 ]]

Designated Priority: 1

Q-values before update: [[0.0059467 0.6556666]]

Q-values after update: [[0.00916775 0.6941482 ]]

Designated Priority: 1

Q-values before update: [[0.01434594 0.8589035 ]]

Q-values after update: [[0.01908997 0.9138654 ]]

Designated Priority: 1

Q-values before update: [[0.02589119 1.0919261 ]]

Q-values after update: [[0.03217147 1.1690207 ]]

Designated Priority: 1

Q-values before update: [[0.04070804 1.3637252 ]]

Q-values after update: [[0.0484909 1.4690695]]

Designated Priority: 1

Q-values before update: [[0.05886001 1.6841533 ]]

Q-values after update: [[0.06637923 1.818562 ]]

Designated Priority: 3

Q-values before update: [[0.07920849 2.0597143 ]]

Q-values after update: [[0.0738215 2.0299811]]

Episode 2 out of total 100, Total Reward: 9.0, Epsilon: 0.99, Current State: [ 0.14307961 1.7218336 -0.21467394 -2.7619624 ], Steps Taken: 9

Designated Priority: 1

Q-values before update: [[-0.01779976 0.3112289 ]]

Q-values after update: [[-0.01601197 0.3216025 ]]

Designated Priority: 1

Q-values before update: [[-0.01188735 0.49934137]]

Q-values after update: [[-0.01283182 0.5035789 ]]

Designated Priority: 1

Q-values before update: [[0.00187936 0.70906985]]

Q-values after update: [[4.769750e-04 7.128377e-01]]

Designated Priority: 1

Q-values before update: [[0.01061282 0.9148675 ]]

Q-values after update: [[0.0086856 0.9211145]]

Designated Priority: 1

Q-values before update: [[0.01689463 1.124431 ]]

Q-values after update: [[0.01528049 1.1363943 ]]

Designated Priority: 1

Q-values before update: [[0.02363028 1.3445084 ]]

Q-values after update: [[0.02253017 1.3655328 ]]

Designated Priority: 1

Q-values before update: [[0.03114418 1.5806435 ]]

Q-values after update: [[0.03077149 1.6147126 ]]

Designated Priority: 1

Q-values before update: [[0.03977706 1.8392159 ]]

Q-values after update: [[0.04035199 1.8909943 ]]

Designated Priority: 1

Q-values before update: [[0.04988049 2.1274953 ]]

Q-values after update: [[0.05162473 2.2023723 ]]

Designated Priority: 3

Q-values before update: [[0.06181018 2.4536858 ]]

Q-values after update: [[0.0571577 2.3931143]]

Episode 3 out of total 100, Total Reward: 10.0, Epsilon: 0.99, Current State: [ 0.16983403 1.9592991 -0.26472628 -3.113627 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[-0.01348621 0.43134916]]

Q-values after update: [[-0.01167785 0.43986797]]

Designated Priority: 1

Q-values before update: [[-0.012076 0.59056884]]

Q-values after update: [[-0.00719653 0.5942837 ]]

Designated Priority: 1

Q-values before update: [[-0.0042793 0.7889372]]

Q-values after update: [[0.00196258 0.7932904 ]]

Designated Priority: 1

Q-values before update: [[0.00983939 0.9848584 ]]

Q-values after update: [[0.01575097 0.9910845 ]]

Designated Priority: 1

Q-values before update: [[0.02189942 1.1823027 ]]

Q-values after update: [[0.03091449 1.1952406 ]]

Designated Priority: 1

Q-values before update: [[0.0389988 1.3917539]]

Q-values after update: [[0.05284946 1.4153519 ]]

Designated Priority: 1

Q-values before update: [[0.06207995 1.6185635 ]]

Q-values after update: [[0.08547998 1.6593947 ]]

Designated Priority: 1

Q-values before update: [[0.09873965 1.8735305 ]]

Q-values after update: [[0.13029489 1.934198 ]]

Designated Priority: 1

Q-values before update: [[0.14836283 2.1620884 ]]

Q-values after update: [[0.18866013 2.2472928 ]]

Designated Priority: 3

Q-values before update: [[0.21228692 2.4919105 ]]

Q-values after update: [[0.19107547 2.4109495 ]]

Episode 4 out of total 100, Total Reward: 10.0, Epsilon: 0.98, Current State: [ 0.19345863 1.921199 -0.21503638 -3.012331 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[0.02427863 0.5906023 ]]

Q-values after update: [[0.02348759 0.5953131 ]]

Designated Priority: 1

Q-values before update: [[0.04242315 0.73862445]]

Q-values after update: [[0.04114039 0.7368008 ]]

Designated Priority: 1

Q-values before update: [[0.05524803 0.92327 ]]

Q-values after update: [[0.05223149 0.91522396]]

Designated Priority: 1

Q-values before update: [[0.06511569 1.1061811 ]]

Q-values after update: [[0.06165648 1.096303 ]]

Designated Priority: 1

Q-values before update: [[0.07396913 1.2889175 ]]

Q-values after update: [[0.07116415 1.2817025 ]]

Designated Priority: 1

Q-values before update: [[0.08314601 1.4755621 ]]

Q-values after update: [[0.08199416 1.4742154 ]]

Designated Priority: 1

Q-values before update: [[0.09379297 1.6710078 ]]

Q-values after update: [[0.09610304 1.680038 ]]

Designated Priority: 3

Q-values before update: [[0.10862232 1.8824183 ]]

Q-values after update: [[0.09620566 1.8388907 ]]

Episode 5 out of total 100, Total Reward: 8.0, Epsilon: 0.98, Current State: [ 0.13814321 1.5823889 -0.2108575 -2.5541558 ], Steps Taken: 8

Designated Priority: 1

Q-values before update: [[0.01718843 0.6372978 ]]

Q-values after update: [[0.01669962 0.64927346]]

Designated Priority: 1

Q-values before update: [[0.03380713 0.7165189 ]]

Q-values after update: [[0.03209595 0.7216545 ]]

Designated Priority: 1

Q-values before update: [[0.03588306 0.8666992 ]]

Q-values after update: [[0.03241277 0.8747273 ]]

Designated Priority: 1

Q-values before update: [[0.0353583 1.0216064]]

Q-values after update: [[0.0311424 1.030664 ]]

Designated Priority: 1

Q-values before update: [[0.03603899 1.1863527 ]]

Q-values after update: [[0.03116795 1.2023702 ]]

Designated Priority: 1

Q-values before update: [[0.03551735 1.3624216 ]]

Q-values after update: [[0.03066804 1.3884482 ]]

Designated Priority: 1

Q-values before update: [[0.03623748 1.5561876 ]]

Q-values after update: [[0.02944965 1.5938746 ]]

Designated Priority: 1

Q-values before update: [[0.03573652 1.7707989 ]]

Q-values after update: [[0.02885525 1.8249881 ]]

Designated Priority: 1

Q-values before update: [[0.0343273 2.0119932]]

Q-values after update: [[0.02776437 2.086983 ]]

Designated Priority: 3

Q-values before update: [[0.03252241 2.2863183 ]]

Q-values after update: [[0.02752984 2.2216249 ]]

Episode 6 out of total 100, Total Reward: 10.0, Epsilon: 0.97, Current State: [ 0.15564694 1.9462763 -0.22992453 -3.0341885 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[0.02566497 0.8412545 ]]

Q-values after update: [[0.02703919 0.85439014]]

Designated Priority: 1

Q-values before update: [[0.0273588 0.8452068]]

Q-values after update: [[0.02864007 0.84874403]]

Designated Priority: 1

Q-values before update: [[0.01989358 0.9995671 ]]

Q-values after update: [[0.02000371 1.0011717 ]]

Designated Priority: 1

Q-values before update: [[0.0134995 1.1501837]]

Q-values after update: [[0.01408744 1.1547073 ]]

Designated Priority: 1

Q-values before update: [[0.01070689 1.3009353 ]]

Q-values after update: [[0.01217801 1.3113755 ]]

Designated Priority: 1

Q-values before update: [[0.00953437 1.4597294 ]]

Q-values after update: [[0.01226042 1.4796022 ]]

Designated Priority: 1

Q-values before update: [[0.00986978 1.6324409 ]]

Q-values after update: [[0.01445762 1.6658095 ]]

Designated Priority: 1

Q-values before update: [[0.0125462 1.8253602]]

Q-values after update: [[0.01971508 1.876984 ]]

Designated Priority: 3

Q-values before update: [[0.0179991 2.0467997]]

Q-values after update: [[0.01063046 1.9903525 ]]

Episode 7 out of total 100, Total Reward: 9.0, Epsilon: 0.97, Current State: [ 0.11369474 1.7278062 -0.25888816 -2.8667831 ], Steps Taken: 9

Designated Priority: 1

Q-values before update: [[0.03281815 0.9892169 ]]

Q-values after update: [[0.03395829 1.004503 ]]

Designated Priority: 1

Q-values before update: [[0.03909563 0.91742617]]

Q-values after update: [[0.03947933 0.92191875]]

Designated Priority: 1

Q-values before update: [[0.03154724 1.0402013 ]]

Q-values after update: [[0.03099914 1.0399256 ]]

Designated Priority: 1

Q-values before update: [[0.02153106 1.1644679 ]]

Q-values after update: [[0.02126119 1.165616 ]]

Designated Priority: 1

Q-values before update: [[0.0157381 1.2884253]]

Q-values after update: [[0.01629433 1.2932903 ]]

Designated Priority: 1

Q-values before update: [[0.01176669 1.4164544 ]]

Q-values after update: [[0.01329517 1.4279592 ]]

Designated Priority: 1

Q-values before update: [[0.0087727 1.5534915]]

Q-values after update: [[0.01175697 1.5749934 ]]

Designated Priority: 1

Q-values before update: [[0.00739427 1.7045919 ]]

Q-values after update: [[0.01240274 1.7400637 ]]

Designated Priority: 1

Q-values before update: [[0.00839445 1.8756475 ]]

Q-values after update: [[0.01609027 1.9297595 ]]

Designated Priority: 3

Q-values before update: [[0.01267885 2.0735035 ]]

Q-values after update: [[0.00446559 2.0162199 ]]

Episode 8 out of total 100, Total Reward: 10.0, Epsilon: 0.96, Current State: [ 0.15748294 1.9268835 -0.2258271 -3.00344 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[0.05212883 1.1749341 ]]

Q-values after update: [[0.05384484 1.1930951 ]]

Designated Priority: 1

Q-values before update: [[0.05556166 1.0489106 ]]

Q-values after update: [[0.05615804 1.0558467 ]]

Designated Priority: 1

Q-values before update: [[0.04049964 1.1350464 ]]

Q-values after update: [[0.0407467 1.1385133]]

Designated Priority: 1

Q-values before update: [[0.02718221 1.2426397 ]]

Q-values after update: [[0.02688403 1.2450051 ]]

Designated Priority: 1

Q-values before update: [[0.01852768 1.3499563 ]]

Q-values after update: [[0.01908735 1.3562084 ]]

Designated Priority: 1

Q-values before update: [[0.01185513 1.4605607 ]]

Q-values after update: [[0.01339269 1.4736142 ]]

Designated Priority: 1

Q-values before update: [[0.00605719 1.5796223 ]]

Q-values after update: [[0.00905092 1.6027768 ]]

Designated Priority: 1

Q-values before update: [[0.00175132 1.7120022 ]]

Q-values after update: [[0.00675654 1.7491523 ]]

Designated Priority: 1

Q-values before update: [[-3.2835454e-04 1.8633755e+00]]

Q-values after update: [[0.0073302 1.9190955]]

Designated Priority: 3

Q-values before update: [[6.861165e-04 2.040355e+00]]

Q-values after update: [[-0.00747492 1.9838732 ]]

Episode 9 out of total 100, Total Reward: 10.0, Epsilon: 0.96, Current State: [ 0.1535779 1.9835385 -0.24433604 -3.0499067 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[0.06753904 1.4051852 ]]

Q-values after update: [[0.06941693 1.4271313 ]]

Designated Priority: 1

Q-values before update: [[0.06327282 1.2017063 ]]

Q-values after update: [[0.06477013 1.2153888 ]]

Designated Priority: 1

Q-values before update: [[0.05256608 1.2528052 ]]

Q-values after update: [[0.05307136 1.2649194 ]]

Designated Priority: 1

Q-values before update: [[0.03894435 1.3131236 ]]

Q-values after update: [[0.04014371 1.3189687 ]]

Designated Priority: 1

Q-values before update: [[0.02835219 1.3989804 ]]

Q-values after update: [[0.03058989 1.4097891 ]]

Designated Priority: 1

Q-values before update: [[0.01885326 1.4899857 ]]

Q-values after update: [[0.022695 1.5088329]]

Designated Priority: 1

Q-values before update: [[0.01115438 1.5905979 ]]

Q-values after update: [[0.01725659 1.6211553 ]]

Designated Priority: 1

Q-values before update: [[0.00610041 1.7060983 ]]

Q-values after update: [[0.01520306 1.7526898 ]]

Designated Priority: 1

Q-values before update: [[0.00467462 1.8426908 ]]

Q-values after update: [[0.01760119 1.910387 ]]

Designated Priority: 3

Q-values before update: [[0.00800662 2.007644 ]]

Q-values after update: [[-1.4544651e-03 1.9496756e+00]]

Episode 10 out of total 100, Total Reward: 10.0, Epsilon: 0.95, Current State: [ 0.21757148 1.9449797 -0.21828742 -3.0095499 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[0.1004357 1.667485 ]]

Q-values after update: [[0.10256815 1.6925907 ]]

Designated Priority: 1

Q-values before update: [[0.09020883 1.4384955 ]]

Q-values after update: [[0.09182466 1.4561504 ]]

Designated Priority: 1

Q-values before update: [[0.06933738 1.4600629 ]]

Q-values after update: [[0.07038675 1.4791226 ]]

Designated Priority: 1

Q-values before update: [[0.05451632 1.4920142 ]]

Q-values after update: [[0.05611122 1.5189515 ]]

Designated Priority: 1

Q-values before update: [[0.03957826 1.5285181 ]]

Q-values after update: [[0.04228612 1.5671211 ]]

Designated Priority: 1

Q-values before update: [[0.02499896 1.585464 ]]

Q-values after update: [[0.03026085 1.6329199 ]]

Designated Priority: 1

Q-values before update: [[0.01221607 1.6659065 ]]

Q-values after update: [[0.02083197 1.7268116 ]]

Designated Priority: 1

Q-values before update: [[0.00293736 1.7713132 ]]

Q-values after update: [[0.01538511 1.8563992 ]]

Designated Priority: 3

Q-values before update: [[-1.5280768e-03 1.9101388e+00]]

Q-values after update: [[-0.01145655 1.8486559 ]]

Episode 11 out of total 100, Total Reward: 9.0, Epsilon: 0.95, Current State: [ 0.19144489 1.7755351 -0.24927767 -2.8911235 ], Steps Taken: 9

Designated Priority: 1

Q-values before update: [[0.13341385 2.1234787 ]]

Q-values after update: [[0.13597605 2.156446 ]]

Designated Priority: 1

Q-values before update: [[0.11879826 1.7711844 ]]

Q-values after update: [[0.15525775 1.7895466 ]]

Designated Priority: 1

Q-values before update: [[0.18517107 2.220746 ]]

Q-values after update: [[0.22845513 2.265809 ]]

Designated Priority: 1

Q-values before update: [[0.19261882 1.8396223 ]]

Q-values after update: [[0.22658472 1.8842198 ]]

Designated Priority: 1

Q-values before update: [[0.19035868 1.7116814 ]]

Q-values after update: [[0.21704794 1.7392936 ]]

Designated Priority: 1

Q-values before update: [[0.18468438 1.712638 ]]

Q-values after update: [[0.20844549 1.7389497 ]]

Designated Priority: 1

Q-values before update: [[0.18813841 1.7312351 ]]

Q-values after update: [[0.21179818 1.7657158 ]]

Designated Priority: 1

Q-values before update: [[0.19143854 1.7589335 ]]

Q-values after update: [[0.21613787 1.8053747 ]]

Designated Priority: 1

Q-values before update: [[0.19597764 1.8011972 ]]

Q-values after update: [[0.22313583 1.8642955 ]]

Designated Priority: 1

Q-values before update: [[0.20355578 1.864785 ]]

Q-values after update: [[0.23488879 1.9503139 ]]

Designated Priority: 1

Q-values before update: [[0.21642077 1.9580194 ]]

Q-values after update: [[0.2539639 2.0729373]]

Designated Priority: 1

Q-values before update: [[0.23731583 2.0909731 ]]

Q-values after update: [[0.28344363 2.2435145 ]]

Designated Priority: 3

Q-values before update: [[0.26952395 2.2756312 ]]

Q-values after update: [[0.2521695 2.1468139]]

Episode 12 out of total 100, Total Reward: 13.0, Epsilon: 0.94, Current State: [ 0.2349397 2.101839 -0.25533321 -3.2375062 ], Steps Taken: 13

Designated Priority: 1

Q-values before update: [[0.53591025 2.7369406 ]]

Q-values after update: [[0.5549895 2.7640355]]

Designated Priority: 1

Q-values before update: [[0.47013572 2.2707615 ]]

Q-values after update: [[0.48586255 2.3005896 ]]

Designated Priority: 1

Q-values before update: [[0.40839183 2.0401635 ]]

Q-values after update: [[0.42007884 2.0522275 ]]

Designated Priority: 1

Q-values before update: [[0.3582601 1.9523532]]

Q-values after update: [[0.36422148 1.9513359 ]]

Designated Priority: 1

Q-values before update: [[0.33695042 1.918898 ]]

Q-values after update: [[0.34306696 1.9215537 ]]

Designated Priority: 1

Q-values before update: [[0.3144562 1.8837982]]

Q-values after update: [[0.3216718 1.893554 ]]

Designated Priority: 1

Q-values before update: [[0.2918989 1.8517196]]

Q-values after update: [[0.30137184 1.8728151 ]]

Designated Priority: 1

Q-values before update: [[0.2707103 1.8284569]]

Q-values after update: [[0.28383845 1.8660649 ]]

Designated Priority: 1

Q-values before update: [[0.25296083 1.8226866 ]]

Q-values after update: [[0.27127075 1.8822167 ]]

Designated Priority: 3

Q-values before update: [[0.24481212 1.8467273 ]]

Q-values after update: [[0.2325889 1.7690357]]

Episode 13 out of total 100, Total Reward: 10.0, Epsilon: 0.94, Current State: [ 0.12433465 1.9098973 -0.24000046 -3.0383098 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[0.7011552 3.0758 ]]

Q-values after update: [[0.71418417 3.1119175 ]]

Designated Priority: 1

Q-values before update: [[0.6042602 2.5494804]]

Q-values after update: [[0.6183466 2.5962684]]

Designated Priority: 1

Q-values before update: [[0.5240325 2.2886455]]

Q-values after update: [[0.5400814 2.3246953]]

Designated Priority: 1

Q-values before update: [[0.45492423 2.128294 ]]

Q-values after update: [[0.46930876 2.1615872 ]]

Designated Priority: 1

Q-values before update: [[0.4064022 2.0137193]]

Q-values after update: [[0.42004073 2.0481973 ]]

Designated Priority: 1

Q-values before update: [[0.36520743 1.9191797 ]]

Q-values after update: [[0.37709874 1.9521018 ]]

Designated Priority: 1

Q-values before update: [[0.3328511 1.8509103]]

Q-values after update: [[0.34599423 1.8920215 ]]

Designated Priority: 3

Q-values before update: [[0.3038571 1.7960199]]

Q-values after update: [[0.28897813 1.7259092 ]]

Episode 14 out of total 100, Total Reward: 8.0, Epsilon: 0.93, Current State: [ 0.15757614 1.590386 -0.218135 -2.5768564 ], Steps Taken: 8

Designated Priority: 1

Q-values before update: [[0.8444499 3.5999064]]

Q-values after update: [[0.8570762 3.647229 ]]

Designated Priority: 1

Q-values before update: [[0.7477615 3.0869806]]

Q-values after update: [[0.761701 3.1430368]]

Designated Priority: 1

Q-values before update: [[0.654645 2.656682]]

Q-values after update: [[0.6702849 2.7061384]]

Designated Priority: 1

Q-values before update: [[0.58481556 2.447826 ]]

Q-values after update: [[0.60475814 2.503393 ]]

Designated Priority: 1

Q-values before update: [[0.5130473 2.2594018]]

Q-values after update: [[0.53204775 2.3142676 ]]

Designated Priority: 1

Q-values before update: [[0.45594648 2.107893 ]]

Q-values after update: [[0.4810617 2.1817784]]

Designated Priority: 1

Q-values before update: [[0.40482324 1.9728242 ]]

Q-values after update: [[0.4376384 2.0715077]]

Designated Priority: 1

Q-values before update: [[0.36174902 1.8620125 ]]

Q-values after update: [[0.40413016 1.9924432 ]]

Designated Priority: 1

Q-values before update: [[0.329266 1.7851003]]

Q-values after update: [[0.38371265 1.9568586 ]]

Designated Priority: 3

Q-values before update: [[0.32124296 1.78891 ]]

Q-values after update: [[0.295762 1.6899049]]

Episode 15 out of total 100, Total Reward: 10.0, Epsilon: 0.93, Current State: [ 0.21389931 1.9686334 -0.25788566 -3.105594 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[1.0078026 4.2667627]]

Q-values after update: [[1.0183069 4.315778 ]]

Designated Priority: 1

Q-values before update: [[0.9139651 3.7474744]]

Q-values after update: [[0.92461985 3.8039403 ]]

Designated Priority: 1

Q-values before update: [[0.81513476 3.2159076 ]]

Q-values after update: [[0.8255745 3.2583747]]

Designated Priority: 1

Q-values before update: [[0.74061066 2.9301133 ]]

Q-values after update: [[0.75334907 2.9781902 ]]

Designated Priority: 1

Q-values before update: [[0.65337795 2.6842115 ]]

Q-values after update: [[0.6691479 2.7377653]]

Designated Priority: 1

Q-values before update: [[0.56934375 2.444493 ]]

Q-values after update: [[0.5911621 2.516865 ]]

Designated Priority: 1

Q-values before update: [[0.49039346 2.2178295 ]]

Q-values after update: [[0.5201345 2.3157759]]

Designated Priority: 3

Q-values before update: [[0.41898292 2.0132723 ]]

Q-values after update: [[0.3717704 1.8417788]]

Episode 16 out of total 100, Total Reward: 8.0, Epsilon: 0.92, Current State: [ 0.16049886 1.6088084 -0.21316049 -2.550637 ], Steps Taken: 8

Designated Priority: 1

Q-values before update: [[1.1091446 4.7843075]]

Q-values after update: [[1.1124642 4.8081303]]

Designated Priority: 1

Q-values before update: [[0.998083 4.2076907]]

Q-values after update: [[0.9984572 4.2278914]]

Designated Priority: 1

Q-values before update: [[0.8682146 3.4925451]]

Q-values after update: [[0.86817914 3.5186594 ]]

Designated Priority: 1

Q-values before update: [[0.74916583 3.0117364 ]]

Q-values after update: [[0.7443682 3.0049684]]

Designated Priority: 1

Q-values before update: [[0.6108422 2.5573072]]

Q-values after update: [[0.607937 2.558303]]

Designated Priority: 1

Q-values before update: [[0.47287244 2.1102192 ]]

Q-values after update: [[0.4694929 2.103946 ]]

Designated Priority: 1

Q-values before update: [[0.33776358 1.6806995 ]]

Q-values after update: [[0.33685827 1.6795671 ]]

Designated Priority: 1

Q-values before update: [[0.20820677 1.2756809 ]]

Q-values after update: [[0.21328919 1.2989911 ]]

Designated Priority: 3

Q-values before update: [[0.17003314 1.109072 ]]

Q-values after update: [[0.16961335 1.1107919 ]]

Episode 17 out of total 100, Total Reward: 9.0, Epsilon: 0.92, Current State: [ 0.17548051 1.7565926 -0.2574442 -2.9081576 ], Steps Taken: 9

Designated Priority: 1

Q-values before update: [[1.1946989 5.3003917]]

Q-values after update: [[1.20913 5.377759]]

Designated Priority: 1

Q-values before update: [[1.0816121 4.7583776]]

Q-values after update: [[1.0955727 4.839453 ]]

Designated Priority: 1

Q-values before update: [[0.95555854 4.094539 ]]

Q-values after update: [[0.9709176 4.188229 ]]

Designated Priority: 1

Q-values before update: [[0.8306181 3.4723525]]

Q-values after update: [[0.8477622 3.5823827]]

Designated Priority: 1

Q-values before update: [[0.70065916 3.00007 ]]

Q-values after update: [[0.7199194 3.0948281]]

Designated Priority: 1

Q-values before update: [[0.57900006 2.603761 ]]

Q-values after update: [[0.60384965 2.7228756 ]]

Designated Priority: 1

Q-values before update: [[0.4617357 2.2292476]]

Q-values after update: [[0.49394178 2.3795662 ]]

Designated Priority: 1

Q-values before update: [[0.35345858 1.8984269 ]]

Q-values after update: [[0.3958647 2.090011 ]]

Designated Priority: 3

Q-values before update: [[0.2766198 1.6881115]]

Q-values after update: [[0.24471252 1.5573796 ]]

Episode 18 out of total 100, Total Reward: 9.0, Epsilon: 0.91, Current State: [ 0.17373455 1.7368398 -0.22436546 -2.836947 ], Steps Taken: 9

Designated Priority: 1

Q-values before update: [[1.3675977 6.215101 ]]

Q-values after update: [[1.3769727 6.270664 ]]

Designated Priority: 1

Q-values before update: [[1.2530879 5.703066 ]]

Q-values after update: [[1.2627212 5.7632604]]

Designated Priority: 1

Q-values before update: [[1.1211714 5.082738 ]]

Q-values after update: [[1.1317679 5.1474514]]

Designated Priority: 1

Q-values before update: [[0.99181557 4.417983 ]]

Q-values after update: [[1.0012196 4.48161 ]]

Designated Priority: 1

Q-values before update: [[0.84449536 3.8036528 ]]

Q-values after update: [[0.85628617 3.8823798 ]]

Designated Priority: 1

Q-values before update: [[0.6953567 3.1877477]]

Q-values after update: [[0.7883306 3.3104515]]

Designated Priority: 1

Q-values before update: [[0.9536448 3.9753587]]

Q-values after update: [[1.0488662 4.1048813]]

Designated Priority: 1

Q-values before update: [[0.8691232 3.3846872]]

Q-values after update: [[0.96001285 3.5353694 ]]

Designated Priority: 1

Q-values before update: [[0.7731274 2.806687 ]]

Q-values after update: [[0.8644748 2.9897258]]

Designated Priority: 1

Q-values before update: [[0.67086333 2.2531226 ]]

Q-values after update: [[0.76782 2.4797873]]

Designated Priority: 3

Q-values before update: [[0.5702541 1.7508413]]

Q-values after update: [[0.54163307 1.5685669 ]]

Episode 19 out of total 100, Total Reward: 11.0, Epsilon: 0.91, Current State: [ 0.20846729 1.7729263 -0.22325598 -2.7526412 ], Steps Taken: 11

Designated Priority: 1

Q-values before update: [[1.9861549 7.0297003]]

Q-values after update: [[2.0431244 7.0588775]]

Designated Priority: 1

Q-values before update: [[1.8759798 6.462592 ]]

Q-values after update: [[1.9228474 6.48915 ]]

Designated Priority: 1

Q-values before update: [[1.7314122 5.7465997]]

Q-values after update: [[1.7690251 5.764342 ]]

Designated Priority: 1

Q-values before update: [[1.556598 4.936322]]

Q-values after update: [[1.5849739 4.9500036]]

Designated Priority: 1

Q-values before update: [[1.3370702 4.0921397]]

Q-values after update: [[1.3564848 4.0933113]]

Designated Priority: 1

Q-values before update: [[1.1179621 3.2950313]]

Q-values after update: [[1.2086879 3.3561795]]

Designated Priority: 1

Q-values before update: [[1.4145038 4.0322165]]

Q-values after update: [[1.5091548 4.11576 ]]

Designated Priority: 1

Q-values before update: [[1.2370212 3.2417667]]

Q-values after update: [[1.3874975 3.3774939]]

Designated Priority: 1

Q-values before update: [[1.5921049 4.0366597]]

Q-values after update: [[1.7400482 4.1760144]]

Designated Priority: 3

Q-values before update: [[1.436101 3.239875]]

Q-values after update: [[1.3588959 2.7956133]]

Episode 20 out of total 100, Total Reward: 10.0, Epsilon: 0.90, Current State: [ 0.12023181 1.2249143 -0.22314626 -1.9873748 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[2.8850226 7.4920607]]

Q-values after update: [[2.9422512 7.353211 ]]

Designated Priority: 1

Q-values before update: [[2.699527 6.677288]]

Q-values after update: [[2.734174 6.526671]]

Designated Priority: 1

Q-values before update: [[2.4593568 5.6701975]]

Q-values after update: [[2.4706364 5.5027795]]

Designated Priority: 1

Q-values before update: [[2.1506028 4.552015 ]]

Q-values after update: [[2.136619 4.3683434]]

Designated Priority: 1

Q-values before update: [[1.7651616 3.3420784]]

Q-values after update: [[1.7323592 3.1472101]]

Designated Priority: 1

Q-values before update: [[1.3121657 2.086561 ]]

Q-values after update: [[1.2564113 1.9054742]]

Designated Priority: 1

Q-values before update: [[0.78325194 0.9905736 ]]

Q-values after update: [[0.73905754 0.89793414]]

Designated Priority: 1

Q-values before update: [[0.5541049 0.59998894]]

Q-values after update: [[0.5523117 0.570015 ]]

Designated Priority: 1

Q-values before update: [[0.526273 0.46795365]]

Q-values after update: [[0.5373486 0.45215344]]

Designated Priority: 3

Q-values before update: [[0.5550615 0.51733404]]

Q-values after update: [[0.5842221 0.5118067]]

Episode 21 out of total 100, Total Reward: 10.0, Epsilon: 0.90, Current State: [ 0.1912877 1.1574906 -0.24142706 -1.940009 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[3.1584995 6.419503 ]]

Q-values after update: [[3.1875217 6.3841553]]

Designated Priority: 1

Q-values before update: [[2.8124151 5.4630365]]

Q-values after update: [[2.8301027 5.4169574]]

Designated Priority: 1

Q-values before update: [[2.4206727 4.334555 ]]

Q-values after update: [[2.4273102 4.278002 ]]

Designated Priority: 1

Q-values before update: [[1.9650493 3.1207962]]

Q-values after update: [[1.9617928 3.0540287]]

Designated Priority: 1

Q-values before update: [[1.4477211 1.9021878]]

Q-values after update: [[1.4351922 1.8452106]]

Designated Priority: 1

Q-values before update: [[0.9157759 0.9334153]]

Q-values after update: [[0.9406248 0.9363122]]

Designated Priority: 1

Q-values before update: [[1.3612103 1.666958 ]]

Q-values after update: [[1.3818607 1.6628455]]

Designated Priority: 1

Q-values before update: [[0.8831306 0.82726514]]

Q-values after update: [[0.9296453 0.855434 ]]

Designated Priority: 1

Q-values before update: [[1.2866583 1.4516159]]

Q-values after update: [[1.3310556 1.4837096]]

Designated Priority: 3

Q-values before update: [[0.92625946 0.80950934]]

Q-values after update: [[0.9770934 0.84681547]]

Episode 22 out of total 100, Total Reward: 10.0, Epsilon: 0.90, Current State: [ 0.09172805 0.83695865 -0.21509568 -1.4413351 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[3.4622939 6.321813 ]]

Q-values after update: [[3.4936476 6.326043 ]]

Designated Priority: 1

Q-values before update: [[3.096506 5.4091845]]

Q-values after update: [[3.1239812 5.4132147]]

Designated Priority: 1

Q-values before update: [[2.7057867 4.3544707]]

Q-values after update: [[2.7301235 4.3585234]]

Designated Priority: 1

Q-values before update: [[2.281798 3.2549946]]

Q-values after update: [[2.3048387 3.2613611]]

Designated Priority: 1

Q-values before update: [[1.8158488 2.1881504]]

Q-values after update: [[1.8405323 2.2034626]]

Designated Priority: 1

Q-values before update: [[1.3249806 1.2556186]]

Q-values after update: [[1.3826082 1.3065906]]

Designated Priority: 1

Q-values before update: [[1.8225257 2.1159594]]

Q-values after update: [[1.8720603 2.1645012]]

Designated Priority: 1

Q-values before update: [[1.3709923 1.2494648]]

Q-values after update: [[1.4455421 1.3197803]]

Designated Priority: 1

Q-values before update: [[1.8293622 2.0192778]]

Q-values after update: [[1.9021178 2.0973175]]

Designated Priority: 1

Q-values before update: [[1.4855541 1.3150537]]

Q-values after update: [[1.577924 1.4058665]]

Designated Priority: 3

Q-values before update: [[1.9081873 2.0101898]]

Q-values after update: [[1.8899809 1.9253008]]

Episode 23 out of total 100, Total Reward: 11.0, Epsilon: 0.89, Current State: [ 0.14399001 0.9481658 -0.22812721 -1.750345 ], Steps Taken: 11

Designated Priority: 1

Q-values before update: [[3.8395598 6.422892 ]]

Q-values after update: [[3.8525105 6.381987 ]]

Designated Priority: 1

Q-values before update: [[3.4625547 5.510747 ]]

Q-values after update: [[3.4693708 5.4659095]]

Designated Priority: 1

Q-values before update: [[3.063871 4.4600434]]

Q-values after update: [[3.0657184 4.413024 ]]

Designated Priority: 1

Q-values before update: [[2.639582 3.3663054]]

Q-values after update: [[2.6372528 3.3183093]]

Designated Priority: 1

Q-values before update: [[2.1609023 2.283776 ]]

Q-values after update: [[2.1611352 2.2491872]]

Designated Priority: 1

Q-values before update: [[1.7090353 1.3952762]]

Q-values after update: [[1.736532 1.3978075]]

Designated Priority: 1

Q-values before update: [[2.1070333 2.095968 ]]

Q-values after update: [[2.1577358 2.1124578]]

Designated Priority: 1

Q-values before update: [[2.5488358 2.9780805]]

Q-values after update: [[2.594006 2.9901934]]

Designated Priority: 1

Q-values before update: [[2.0904288 1.9236041]]

Q-values after update: [[2.1633663 1.9656467]]

Designated Priority: 1

Q-values before update: [[2.5329733 2.775863 ]]

Q-values after update: [[2.5997534 2.8151696]]

Designated Priority: 1

Q-values before update: [[2.0935512 1.7967937]]

Q-values after update: [[2.1819015 1.8568572]]

Designated Priority: 3

Q-values before update: [[2.524842 2.5614197]]

Q-values after update: [[2.4927661 2.4179716]]

Episode 24 out of total 100, Total Reward: 12.0, Epsilon: 0.89, Current State: [ 0.16417637 0.74407643 -0.22845206 -1.4984989 ], Steps Taken: 12

Designated Priority: 1

Q-values before update: [[4.197878 6.157993]]

Q-values after update: [[4.2113843 6.081507 ]]

Designated Priority: 1

Q-values before update: [[3.7977378 5.191621 ]]

Q-values after update: [[3.802897 5.112643]]

Designated Priority: 1

Q-values before update: [[3.3799748 4.106841 ]]

Q-values after update: [[3.4311597 4.0542865]]

Designated Priority: 1

Q-values before update: [[3.8579724 5.0572047]]

Q-values after update: [[3.9120798 5.011406 ]]

Designated Priority: 1

Q-values before update: [[3.4606984 3.9815686]]

Q-values after update: [[3.5000246 3.9362638]]

Designated Priority: 1

Q-values before update: [[3.0002136 2.8699965]]

Q-values after update: [[3.0552695 2.847119 ]]

Designated Priority: 1

Q-values before update: [[3.5173287 3.8303423]]

Q-values after update: [[3.577329 3.8118787]]

Designated Priority: 1

Q-values before update: [[3.0375402 2.7165003]]

Q-values after update: [[3.110961 2.7189763]]

Designated Priority: 1

Q-values before update: [[3.5751226 3.6663518]]

Q-values after update: [[3.65112 3.6718872]]

Designated Priority: 1

Q-values before update: [[3.073759 2.553689]]

Q-values after update: [[3.1629539 2.5793107]]

Designated Priority: 1

Q-values before update: [[3.6260033 3.4880047]]

Q-values after update: [[3.7442563 3.5250099]]

Designated Priority: 1

Q-values before update: [[4.154094 4.394916]]

Q-values after update: [[4.2669244 4.4268436]]

Designated Priority: 1

Q-values before update: [[3.7047536 3.3117168]]

Q-values after update: [[3.8112328 3.3609226]]

Designated Priority: 1

Q-values before update: [[3.1730456 2.2947083]]

Q-values after update: [[3.2953825 2.3635192]]

Designated Priority: 1

Q-values before update: [[3.7347844 3.1145768]]

Q-values after update: [[3.8751197 3.188913 ]]

Designated Priority: 1

Q-values before update: [[4.269483 3.9743261]]

Q-values after update: [[4.433474 4.0522513]]

Designated Priority: 1

Q-values before update: [[4.786473 4.7721896]]

Q-values after update: [[4.982764 4.855136]]

Designated Priority: 1

Q-values before update: [[5.3407903 5.522945 ]]

Q-values after update: [[5.5301642 5.603401 ]]

Designated Priority: 3

Q-values before update: [[4.9511123 4.6000924]]

Q-values after update: [[4.7637773 4.488558 ]]

Episode 25 out of total 100, Total Reward: 19.0, Epsilon: 0.88, Current State: [ 0.1117183 -0.18264015 -0.210349 -0.27494264], Steps Taken: 19

Designated Priority: 1

Q-values before update: [[5.984515 6.297041]]

Q-values after update: [[5.8347425 6.233395 ]]

Designated Priority: 1

Q-values before update: [[5.3354673 5.3580704]]

Q-values after update: [[5.212049 5.3086224]]

Designated Priority: 1

Q-values before update: [[4.705937 4.313876]]

Q-values after update: [[4.62017 4.2747016]]

Designated Priority: 1

Q-values before update: [[5.0885015 5.227734 ]]

Q-values after update: [[5.0368733 5.2130246]]

Designated Priority: 1

Q-values before update: [[5.5030665 6.0709767]]

Q-values after update: [[5.4537907 6.059274 ]]

Designated Priority: 1

Q-values before update: [[4.959048 5.149783]]

Q-values after update: [[4.920488 5.144461]]

Designated Priority: 1

Q-values before update: [[4.4093084 4.1074386]]

Q-values after update: [[4.395083 4.1088147]]

Designated Priority: 1

Q-values before update: [[4.84055 5.0523252]]

Q-values after update: [[4.829715 5.0631456]]

Designated Priority: 1

Q-values before update: [[4.3118896 4.0034986]]

Q-values after update: [[4.321876 4.0204463]]

Designated Priority: 1

Q-values before update: [[4.7499356 4.9461684]]

Q-values after update: [[4.7867007 4.9814425]]

Designated Priority: 1

Q-values before update: [[5.210165 5.81652 ]]

Q-values after update: [[5.240306 5.843938]]

Designated Priority: 1

Q-values before update: [[4.73074 4.8686347]]

Q-values after update: [[4.7638087 4.9038367]]

Designated Priority: 1

Q-values before update: [[4.2264276 3.8060198]]

Q-values after update: [[4.271401 3.844011]]

Designated Priority: 1

Q-values before update: [[4.678625 4.7419825]]

Q-values after update: [[4.7255664 4.7887964]]

Designated Priority: 1

Q-values before update: [[4.1758223 3.6687024]]

Q-values after update: [[4.233072 3.717497]]

Designated Priority: 1

Q-values before update: [[4.62003 4.587422]]

Q-values after update: [[4.6996026 4.6527348]]

Designated Priority: 1

Q-values before update: [[5.069743 5.453958]]

Q-values after update: [[5.137483 5.507055]]

Designated Priority: 1

Q-values before update: [[4.602245 4.4436746]]

Q-values after update: [[4.6929307 4.51537 ]]

Designated Priority: 1

Q-values before update: [[5.043612 5.302907]]

Q-values after update: [[5.1229463 5.3648763]]

Designated Priority: 1

Q-values before update: [[4.585699 4.284888]]

Q-values after update: [[4.684897 4.3630457]]

Designated Priority: 1

Q-values before update: [[5.0075545 5.115568 ]]

Q-values after update: [[5.0968556 5.1881366]]

Designated Priority: 1

Q-values before update: [[4.5644236 4.1095886]]

Q-values after update: [[4.6729665 4.1981115]]

Designated Priority: 1

Q-values before update: [[4.9660087 4.9156613]]

Q-values after update: [[5.0839496 5.0042005]]

Designated Priority: 1

Q-values before update: [[5.3618712 5.6454716]]

Q-values after update: [[5.465844 5.7224207]]

Designated Priority: 1

Q-values before update: [[4.961574 4.7334948]]

Q-values after update: [[5.0869474 4.828446 ]]

Designated Priority: 1

Q-values before update: [[5.342333 5.458592]]

Q-values after update: [[5.4559774 5.547725 ]]

Designated Priority: 3

Q-values before update: [[4.984758 4.5720634]]

Q-values after update: [[4.8041306 4.463937 ]]

Episode 26 out of total 100, Total Reward: 27.0, Epsilon: 0.88, Current State: [ 0.06916343 -0.1299222 -0.2198879 -0.4803743 ], Steps Taken: 27

Designated Priority: 1

Q-values before update: [[6.6434646 7.1139703]]

Q-values after update: [[6.519069 7.07109 ]]

Designated Priority: 1

Q-values before update: [[6.118986 6.283911]]

Q-values after update: [[6.0036297 6.2423754]]

Designated Priority: 1

Q-values before update: [[5.5487313 5.2616525]]

Q-values after update: [[5.464897 5.2289443]]

Designated Priority: 1

Q-values before update: [[5.863481 6.139557]]

Q-values after update: [[5.792876 6.1214733]]

Designated Priority: 1

Q-values before update: [[5.319845 5.106545]]

Q-values after update: [[5.278319 5.0992126]]

Designated Priority: 1

Q-values before update: [[5.668505 6.002151]]

Q-values after update: [[5.6326656 6.0016365]]

Designated Priority: 1

Q-values before update: [[5.145032 4.958412]]

Q-values after update: [[5.136077 4.9702663]]

Designated Priority: 1

Q-values before update: [[5.5124145 5.857437 ]]

Q-values after update: [[5.530937 5.884356]]

Designated Priority: 1

Q-values before update: [[5.892712 6.6524534]]

Q-values after update: [[5.9086056 6.6762714]]

Designated Priority: 1

Q-values before update: [[5.4434423 5.752137 ]]

Q-values after update: [[5.458983 5.776777]]

Designated Priority: 1

Q-values before update: [[4.950549 4.6978855]]

Q-values after update: [[4.987802 4.736426]]

Designated Priority: 1

Q-values before update: [[5.3353105 5.5862446]]

Q-values after update: [[5.367424 5.6218047]]

Designated Priority: 1

Q-values before update: [[4.8463206 4.5218015]]

Q-values after update: [[4.8991904 4.5721397]]

Designated Priority: 1

Q-values before update: [[5.220534 5.3875375]]

Q-values after update: [[5.265903 5.433561]]

Designated Priority: 1

Q-values before update: [[4.733571 4.3134956]]

Q-values after update: [[4.7988243 4.374772 ]]

Designated Priority: 1

Q-values before update: [[5.087803 5.1484876]]

Q-values after update: [[5.1645823 5.213808 ]]

Designated Priority: 1

Q-values before update: [[5.439772 5.9249177]]

Q-values after update: [[5.502436 5.9752417]]

Designated Priority: 1

Q-values before update: [[4.987137 4.9105515]]

Q-values after update: [[5.0714364 4.978822 ]]

Designated Priority: 1

Q-values before update: [[5.315768 5.6577725]]

Q-values after update: [[5.3861694 5.7136383]]

Designated Priority: 1

Q-values before update: [[4.8656993 4.6329603]]

Q-values after update: [[4.9559035 4.7062454]]

Designated Priority: 1

Q-values before update: [[5.1644993 5.3465323]]

Q-values after update: [[5.2413354 5.4101286]]

Designated Priority: 1

Q-values before update: [[4.7149673 4.311999 ]]

Q-values after update: [[4.8101807 4.392235 ]]

Designated Priority: 3

Q-values before update: [[4.977657 4.9886103]]

Q-values after update: [[4.876194 4.742521]]

Episode 27 out of total 100, Total Reward: 23.0, Epsilon: 0.87, Current State: [ 0.09980291 0.2601915 -0.22104734 -0.9435532 ], Steps Taken: 23

Designated Priority: 1

Q-values before update: [[6.726873 7.20305 ]]

Q-values after update: [[6.6767535 7.005627 ]]

Designated Priority: 1

Q-values before update: [[6.266889 6.1715174]]

Q-values after update: [[6.233097 6.0001545]]

Designated Priority: 1

Q-values before update: [[6.5547137 6.7180753]]

Q-values after update: [[6.5564775 6.5828924]]

Designated Priority: 1

Q-values before update: [[6.8899536 7.218307 ]]

Q-values after update: [[6.949416 7.112614]]

Designated Priority: 1

Q-values before update: [[7.4172564 7.745615 ]]

Q-values after update: [[7.501703 7.6772223]]

Designated Priority: 1

Q-values before update: [[6.9625626 6.9807324]]

Q-values after update: [[7.014411 6.914149]]

Designated Priority: 1

Q-values before update: [[6.5373535 6.173325 ]]

Q-values after update: [[6.5652146 6.117099 ]]

Designated Priority: 1

Q-values before update: [[6.075501 5.2114096]]

Q-values after update: [[6.105018 5.166774]]

Designated Priority: 1

Q-values before update: [[6.4951787 5.949941 ]]

Q-values after update: [[6.5496345 5.9204273]]

Designated Priority: 1

Q-values before update: [[6.997539 6.606176]]

Q-values after update: [[7.073107 6.6068664]]

Designated Priority: 1

Q-values before update: [[6.514312 5.8012304]]

Q-values after update: [[6.580981 5.796052]]

Designated Priority: 1

Q-values before update: [[7.0535593 6.5082126]]

Q-values after update: [[7.172833 6.5324416]]

Designated Priority: 1

Q-values before update: [[7.8026457 7.2903185]]

Q-values after update: [[7.95792 7.3639517]]

Designated Priority: 1

Q-values before update: [[7.21921 6.5026464]]

Q-values after update: [[7.3680625 6.558675 ]]

Designated Priority: 1

Q-values before update: [[8.074442 7.384162]]

Q-values after update: [[8.307703 7.489186]]

Designated Priority: 1

Q-values before update: [[9.177063 8.364975]]

Q-values after update: [[9.531598 8.531768]]

Designated Priority: 1

Q-values before update: [[10.524379 9.482991]]

Q-values after update: [[11.030504 9.721423]]

Designated Priority: 1

Q-values before update: [[12.15515 10.759035]]

Q-values after update: [[12.872029 11.102139]]

Designated Priority: 1

Q-values before update: [[14.157508 12.241239]]

Q-values after update: [[15.143021 12.720891]]

Designated Priority: 1

Q-values before update: [[16.623558 13.979725]]

Q-values after update: [[17.960604 14.638327]]

Designated Priority: 1

Q-values before update: [[19.678764 16.04087 ]]

Q-values after update: [[21.474976 16.935347]]

Designated Priority: 1

Q-values before update: [[23.484987 18.512932]]

Q-values after update: [[25.870592 19.72139 ]]

Designated Priority: 3

Q-values before update: [[28.235704 21.509975]]

Q-values after update: [[26.092096 20.213253]]

Episode 28 out of total 100, Total Reward: 23.0, Epsilon: 0.87, Current State: [-0.18685825 -2.0947948 0.22701466 3.0690265 ], Steps Taken: 23

Designated Priority: 1

Q-values before update: [[9.731682 7.3987355]]

Q-values after update: [[9.320732 7.181 ]]

Designated Priority: 1

Q-values before update: [[10.60436 8.313814]]

Q-values after update: [[10.127479 8.049337]]

Designated Priority: 1

Q-values before update: [[11.443535 9.132124]]

Q-values after update: [[10.926684 8.831874]]

Designated Priority: 1

Q-values before update: [[12.2234955 9.875625 ]]

Q-values after update: [[11.684539 9.54906 ]]

Designated Priority: 1

Q-values before update: [[12.944739 10.57425 ]]

Q-values after update: [[12.398039 10.232233]]

Designated Priority: 1

Q-values before update: [[13.621521 11.236932]]

Q-values after update: [[13.072917 10.945849]]

Designated Priority: 1

Q-values before update: [[12.080811 10.126876]]

Q-values after update: [[11.659687 9.904132]]

Designated Priority: 1

Q-values before update: [[12.820659 10.880123]]

Q-values after update: [[12.400228 10.64795 ]]

Designated Priority: 1

Q-values before update: [[13.550184 11.62558 ]]

Q-values after update: [[13.144182 11.392761]]

Designated Priority: 1

Q-values before update: [[14.307019 12.385366]]

Q-values after update: [[13.916816 12.154699]]

Designated Priority: 3

Q-values before update: [[15.090109 13.163398]]

Q-values after update: [[14.213831 12.637675]]

Episode 29 out of total 100, Total Reward: 11.0, Epsilon: 0.86, Current State: [-0.17607537 -1.7880524 0.22414017 2.7807853 ], Steps Taken: 11

Designated Priority: 1

Q-values before update: [[7.1225886 6.091203 ]]

Q-values after update: [[6.92493 6.002608]]

Designated Priority: 1

Q-values before update: [[7.4674473 6.687539 ]]

Q-values after update: [[7.2395635 6.5729136]]

Designated Priority: 1

Q-values before update: [[7.8320465 7.1928487]]

Q-values after update: [[7.581511 7.0556874]]

Designated Priority: 1

Q-values before update: [[8.23516 7.6772738]]

Q-values after update: [[7.971475 7.5239577]]

Designated Priority: 1

Q-values before update: [[8.62378 8.148663]]

Q-values after update: [[8.3511 7.994178]]

Designated Priority: 1

Q-values before update: [[7.827613 7.4835167]]

Q-values after update: [[7.619362 7.367405]]

Designated Priority: 1

Q-values before update: [[8.235686 7.972822]]

Q-values after update: [[8.022358 7.8474326]]

Designated Priority: 1

Q-values before update: [[8.636267 8.454592]]

Q-values after update: [[8.423682 8.324055]]

Designated Priority: 1

Q-values before update: [[9.050872 8.942908]]

Q-values after update: [[8.841104 8.809437]]

Designated Priority: 1

Q-values before update: [[9.4727955 9.4373255]]

Q-values after update: [[9.2691965 9.30377 ]]

Designated Priority: 3

Q-values before update: [[9.920226 9.950521]]

Q-values after update: [[9.564608 9.391783]]

Episode 30 out of total 100, Total Reward: 11.0, Epsilon: 0.86, Current State: [-0.18064609 -1.3479636 0.24751692 2.2406452 ], Steps Taken: 11

Designated Priority: 1

Q-values before update: [[5.8885036 5.5124454]]

Q-values after update: [[5.8089128 5.3420763]]

Designated Priority: 1

Q-values before update: [[5.999387 5.724127]]

Q-values after update: [[5.905218 5.5434055]]

Designated Priority: 1

Q-values before update: [[6.2090726 5.8839235]]

Q-values after update: [[6.104409 5.6968026]]

Designated Priority: 1

Q-values before update: [[6.4508 6.033164]]

Q-values after update: [[6.3392973 5.84297 ]]

Designated Priority: 1

Q-values before update: [[6.708299 6.183883]]

Q-values after update: [[6.593624 5.9944563]]

Designated Priority: 1

Q-values before update: [[6.979889 6.336373]]

Q-values after update: [[6.865592 6.150702]]

Designated Priority: 1

Q-values before update: [[7.272792 6.501718]]

Q-values after update: [[7.159895 6.322371]]

Designated Priority: 1

Q-values before update: [[7.5770216 6.674879 ]]

Q-values after update: [[7.4674516 6.502144 ]]

Designated Priority: 3

Q-values before update: [[7.8948708 6.855003 ]]

Q-values after update: [[7.6229415 6.5613346]]

Episode 31 out of total 100, Total Reward: 9.0, Epsilon: 0.86, Current State: [-0.13717216 -1.80469 0.23073141 2.846125 ], Steps Taken: 9

Designated Priority: 1

Q-values before update: [[5.54766 4.584976]]

Q-values after update: [[5.491012 4.510648]]

Designated Priority: 1

Q-values before update: [[5.522571 4.7366657]]

Q-values after update: [[5.454862 4.654619]]

Designated Priority: 1

Q-values before update: [[5.5931487 4.827623 ]]

Q-values after update: [[5.516944 4.7401924]]

Designated Priority: 1

Q-values before update: [[5.73059 4.9167333]]

Q-values after update: [[5.649131 4.825712]]

Designated Priority: 1

Q-values before update: [[5.879542 5.0160656]]

Q-values after update: [[5.795417 4.923931]]

Designated Priority: 1

Q-values before update: [[6.038132 5.1012464]]

Q-values after update: [[5.949557 5.0010953]]

Designated Priority: 1

Q-values before update: [[6.2126493 5.1877985]]

Q-values after update: [[6.125608 5.0898786]]

Designated Priority: 3

Q-values before update: [[6.3967004 5.279883 ]]

Q-values after update: [[6.256151 5.0772257]]

Episode 32 out of total 100, Total Reward: 8.0, Epsilon: 0.85, Current State: [-0.08095998 -1.169804 0.21480893 1.9672643 ], Steps Taken: 8

Designated Priority: 1

Q-values before update: [[5.090203 4.021724]]

Q-values after update: [[5.0620837 3.9560246]]

Designated Priority: 1

Q-values before update: [[4.988494 4.0747547]]

Q-values after update: [[4.953602 4.006062]]

Designated Priority: 1

Q-values before update: [[4.973651 4.075034]]

Q-values after update: [[4.933073 4.0045404]]

Designated Priority: 1

Q-values before update: [[5.036694 4.0557337]]

Q-values after update: [[4.9890795 3.9762151]]

Designated Priority: 1

Q-values before update: [[5.1132336 4.040657 ]]

Q-values after update: [[5.0643835 3.961602 ]]

Designated Priority: 1

Q-values before update: [[5.213789 4.03471 ]]

Q-values after update: [[5.1660666 3.9577496]]

Designated Priority: 1

Q-values before update: [[5.3489947 4.047669 ]]

Q-values after update: [[5.3030453 3.9733076]]

Designated Priority: 3

Q-values before update: [[5.495561 4.067549]]

Q-values after update: [[5.373511 3.9447162]]

Episode 33 out of total 100, Total Reward: 8.0, Epsilon: 0.85, Current State: [-0.14912222 -1.5762477 0.21685298 2.5286078 ], Steps Taken: 8

Designated Priority: 1

Q-values before update: [[5.0688014 3.6809123]]

Q-values after update: [[5.045001 3.6471705]]

Designated Priority: 1

Q-values before update: [[4.840133 3.6678956]]

Q-values after update: [[4.808398 3.626306]]

Designated Priority: 1

Q-values before update: [[4.6775994 3.5864122]]

Q-values after update: [[4.641778 3.5432615]]

Designated Priority: 1

Q-values before update: [[4.6179633 3.491684 ]]

Q-values after update: [[4.5793505 3.4478493]]

Designated Priority: 1

Q-values before update: [[4.574966 3.4073806]]

Q-values after update: [[4.5348673 3.3632438]]

Designated Priority: 1

Q-values before update: [[4.567352 3.3406975]]

Q-values after update: [[4.5271015 3.2971249]]

Designated Priority: 1

Q-values before update: [[4.5761247 3.283356 ]]

Q-values after update: [[4.5367327 3.241023 ]]

Designated Priority: 1

Q-values before update: [[4.6090646 3.2400272]]

Q-values after update: [[4.5719047 3.1997976]]

Designated Priority: 1

Q-values before update: [[4.6529727 3.2080555]]

Q-values after update: [[4.620492 3.1799235]]

Designated Priority: 1

Q-values before update: [[4.5974503 3.224014 ]]

Q-values after update: [[4.5739985 3.200652 ]]

Designated Priority: 3

Q-values before update: [[4.6884227 3.2243676]]

Q-values after update: [[4.595455 3.1562982]]

Episode 34 out of total 100, Total Reward: 11.0, Epsilon: 0.84, Current State: [-0.22514255 -1.7125093 0.24835853 2.7408292 ], Steps Taken: 11

Designated Priority: 1

Q-values before update: [[4.8526235 3.43312 ]]

Q-values after update: [[4.83519 3.4169345]]

Designated Priority: 1

Q-values before update: [[4.588696 3.401849]]

Q-values after update: [[4.567259 3.3834407]]

Designated Priority: 1

Q-values before update: [[4.394611 3.3126576]]

Q-values after update: [[4.370402 3.2963703]]

Designated Priority: 1

Q-values before update: [[4.572202 3.3903673]]

Q-values after update: [[4.557393 3.379656]]

Designated Priority: 1

Q-values before update: [[4.3826623 3.3033357]]

Q-values after update: [[4.3646483 3.2911732]]

Designated Priority: 1

Q-values before update: [[4.3177924 3.2105887]]

Q-values after update: [[4.2985806 3.197451 ]]

Designated Priority: 1

Q-values before update: [[4.2658143 3.1296074]]

Q-values after update: [[4.245645 3.115684]]

Designated Priority: 1

Q-values before update: [[4.2446003 3.0639482]]

Q-values after update: [[4.224759 3.050127]]

Designated Priority: 1

Q-values before update: [[4.244425 3.0093968]]

Q-values after update: [[4.225724 2.996244]]

Designated Priority: 3

Q-values before update: [[4.2719135 2.9709246]]

Q-values after update: [[4.2009845 2.9232583]]

Episode 35 out of total 100, Total Reward: 10.0, Epsilon: 0.84, Current State: [-0.15602592 -1.5413793 0.21290179 2.5095475 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[4.7434564 3.3298082]]

Q-values after update: [[4.7303023 3.3273542]]

Designated Priority: 1

Q-values before update: [[5.1469593 3.2785118]]

Q-values after update: [[5.142824 3.280668]]

Designated Priority: 1

Q-values before update: [[4.723667 3.3245025]]

Q-values after update: [[4.716528 3.323361]]

Designated Priority: 1

Q-values before update: [[4.3898993 3.26161 ]]

Q-values after update: [[4.379491 3.2573469]]

Designated Priority: 1

Q-values before update: [[4.1300745 3.1370552]]

Q-values after update: [[4.1172333 3.130594 ]]

Designated Priority: 1

Q-values before update: [[3.9866319 3.0003989]]

Q-values after update: [[3.972564 2.9961064]]

Designated Priority: 1

Q-values before update: [[4.093885 3.124069]]

Q-values after update: [[4.0863047 3.1229503]]

Designated Priority: 1

Q-values before update: [[3.961472 2.9957826]]

Q-values after update: [[3.9523814 2.9936254]]

Designated Priority: 1

Q-values before update: [[3.8433394 2.874094 ]]

Q-values after update: [[3.833201 2.8708022]]

Designated Priority: 1

Q-values before update: [[3.7700145 2.775208 ]]

Q-values after update: [[3.7602658 2.7717745]]

Designated Priority: 1

Q-values before update: [[3.7158523 2.686554 ]]

Q-values after update: [[3.7071154 2.6834555]]

Designated Priority: 1

Q-values before update: [[3.6864393 2.6150334]]

Q-values after update: [[3.6800392 2.6131585]]

Designated Priority: 3

Q-values before update: [[3.6917424 2.6098096]]

Q-values after update: [[3.6410093 2.5806148]]

Episode 36 out of total 100, Total Reward: 13.0, Epsilon: 0.83, Current State: [-0.19039091 -1.7362221 0.22967663 2.7620816 ], Steps Taken: 13

Designated Priority: 1

Q-values before update: [[4.75062 3.424518]]

Q-values after update: [[4.743971 3.421947]]

Designated Priority: 1

Q-values before update: [[4.3995514 3.3163018]]

Q-values after update: [[4.390675 3.3118253]]

Designated Priority: 1

Q-values before update: [[4.129715 3.1692824]]

Q-values after update: [[4.118795 3.1635609]]

Designated Priority: 1

Q-values before update: [[3.969052 3.0158403]]

Q-values after update: [[3.9569628 3.0093186]]

Designated Priority: 1

Q-values before update: [[3.8101623 2.8651373]]

Q-values after update: [[3.797166 2.8578303]]

Designated Priority: 1

Q-values before update: [[3.6981468 2.7384846]]

Q-values after update: [[3.685628 2.7312868]]

Designated Priority: 1

Q-values before update: [[3.603089 2.6209621]]

Q-values after update: [[3.5920808 2.6145492]]

Designated Priority: 1

Q-values before update: [[3.5337682 2.531493 ]]

Q-values after update: [[3.524594 2.526439]]

Designated Priority: 3

Q-values before update: [[3.489531 2.5011342]]

Q-values after update: [[3.4350805 2.4683325]]

Episode 37 out of total 100, Total Reward: 9.0, Epsilon: 0.83, Current State: [-0.16892102 -1.7523851 0.22325224 2.8224185 ], Steps Taken: 9

Designated Priority: 1

Q-values before update: [[4.516237 3.2708511]]

Q-values after update: [[4.5087523 3.266222 ]]

Designated Priority: 1

Q-values before update: [[4.1206584 3.1315756]]

Q-values after update: [[4.1111236 3.1253974]]

Designated Priority: 1

Q-values before update: [[3.8118365 2.953874 ]]

Q-values after update: [[3.8003721 2.9466662]]

Designated Priority: 1

Q-values before update: [[3.5969121 2.7656546]]

Q-values after update: [[3.584168 2.7577276]]

Designated Priority: 1

Q-values before update: [[3.4005086 2.5865161]]

Q-values after update: [[3.3876584 2.5783803]]

Designated Priority: 1

Q-values before update: [[3.2432845 2.4287689]]

Q-values after update: [[3.2311802 2.4242744]]

Designated Priority: 1

Q-values before update: [[3.3296804 2.549842 ]]

Q-values after update: [[3.322751 2.5479972]]

Designated Priority: 1

Q-values before update: [[3.2002335 2.4109032]]

Q-values after update: [[3.1941466 2.4126668]]

Designated Priority: 1

Q-values before update: [[3.3235323 2.5551066]]

Q-values after update: [[3.3217318 2.5585146]]

Designated Priority: 1

Q-values before update: [[3.2099693 2.4283192]]

Q-values after update: [[3.2082484 2.4317675]]

Designated Priority: 1

Q-values before update: [[3.1196437 2.3163714]]

Q-values after update: [[3.1191468 2.3205216]]

Designated Priority: 3

Q-values before update: [[3.0505946 2.2429836]]

Q-values after update: [[3.0175388 2.2259111]]

Episode 38 out of total 100, Total Reward: 12.0, Epsilon: 0.83, Current State: [-0.21571209 -1.6097144 0.22975783 2.5165043 ], Steps Taken: 12

Designated Priority: 1

Q-values before update: [[4.631278 3.320223]]

Q-values after update: [[4.628225 3.3198926]]

Designated Priority: 1

Q-values before update: [[4.1943665 3.1987975]]

Q-values after update: [[4.1900268 3.1974592]]

Designated Priority: 1

Q-values before update: [[3.846926 3.0121574]]

Q-values after update: [[3.8416464 3.0100806]]

Designated Priority: 1

Q-values before update: [[3.590845 2.8177204]]

Q-values after update: [[3.585161 2.8185458]]

Designated Priority: 1

Q-values before update: [[3.799082 2.9880564]]

Q-values after update: [[3.797703 2.990248]]

Designated Priority: 1

Q-values before update: [[3.5509064 2.8017085]]

Q-values after update: [[3.5485494 2.8036408]]

Designated Priority: 1

Q-values before update: [[3.3375556 2.6172662]]

Q-values after update: [[3.3355238 2.6191092]]

Designated Priority: 1

Q-values before update: [[3.1554337 2.44859 ]]

Q-values after update: [[3.1543171 2.4508069]]

Designated Priority: 1

Q-values before update: [[3.0253038 2.3108878]]

Q-values after update: [[3.0235045 2.3126242]]

Designated Priority: 1

Q-values before update: [[2.931343 2.2157443]]

Q-values after update: [[2.9310372 2.2179112]]

Designated Priority: 1

Q-values before update: [[2.8594427 2.179398 ]]

Q-values after update: [[2.86193 2.1831415]]

Designated Priority: 3

Q-values before update: [[2.8541594 2.1924207]]

Q-values after update: [[2.8211536 2.174275 ]]

Episode 39 out of total 100, Total Reward: 12.0, Epsilon: 0.82, Current State: [-0.20185237 -1.9523582 0.24831553 3.0144155 ], Steps Taken: 12

Designated Priority: 1

Q-values before update: [[4.784699 3.4959576]]

Q-values after update: [[4.7836537 3.4962661]]

Designated Priority: 1

Q-values before update: [[4.340468 3.3526778]]

Q-values after update: [[4.339219 3.3569043]]

Designated Priority: 1

Q-values before update: [[4.7608094 3.474124 ]]

Q-values after update: [[4.7635446 3.4797316]]

Designated Priority: 1

Q-values before update: [[4.3131766 3.3387349]]

Q-values after update: [[4.3146853 3.3430765]]

Designated Priority: 1

Q-values before update: [[3.9669745 3.1520798]]

Q-values after update: [[3.9675615 3.1554134]]

Designated Priority: 1

Q-values before update: [[3.7043736 2.9490702]]

Q-values after update: [[3.7039561 2.951913 ]]

Designated Priority: 1

Q-values before update: [[3.4596822 2.7444475]]

Q-values after update: [[3.4596524 2.74711 ]]

Designated Priority: 1

Q-values before update: [[3.2473588 2.5568461]]

Q-values after update: [[3.2480073 2.5596616]]

Designated Priority: 1

Q-values before update: [[3.0704937 2.3890147]]

Q-values after update: [[3.070522 2.3913863]]

Designated Priority: 1

Q-values before update: [[2.926774 2.264168]]

Q-values after update: [[2.9281383 2.2668903]]

Designated Priority: 1

Q-values before update: [[2.816426 2.2014768]]

Q-values after update: [[2.8203347 2.2054572]]

Designated Priority: 3

Q-values before update: [[2.7555974 2.1771078]]

Q-values after update: [[2.743704 2.1576748]]

Episode 40 out of total 100, Total Reward: 12.0, Epsilon: 0.82, Current State: [-0.13216807 -1.568411 0.2267303 2.457261 ], Steps Taken: 12

Designated Priority: 1

Q-values before update: [[4.675841 3.4622376]]

Q-values after update: [[4.6804104 3.4606478]]

Designated Priority: 1

Q-values before update: [[4.2391834 3.3188682]]

Q-values after update: [[4.244049 3.3214626]]

Designated Priority: 1

Q-values before update: [[4.691836 3.4778783]]

Q-values after update: [[4.6989713 3.4817798]]

Designated Priority: 1

Q-values before update: [[4.2609944 3.3334928]]

Q-values after update: [[4.2673798 3.3366024]]

Designated Priority: 1

Q-values before update: [[3.9278865 3.1434188]]

Q-values after update: [[3.933509 3.145849]]

Designated Priority: 1

Q-values before update: [[3.695701 2.9399738]]

Q-values after update: [[3.701265 2.942072]]

Designated Priority: 1

Q-values before update: [[3.475877 2.7395873]]

Q-values after update: [[3.4823105 2.7417836]]

Designated Priority: 1

Q-values before update: [[3.2771053 2.5504937]]

Q-values after update: [[3.2848372 2.5532563]]

Designated Priority: 1

Q-values before update: [[3.1179738 2.383034 ]]

Q-values after update: [[3.1250153 2.3854527]]

Designated Priority: 1

Q-values before update: [[2.9888003 2.2544389]]

Q-values after update: [[2.9983852 2.258097 ]]

Designated Priority: 3

Q-values before update: [[2.8929536 2.18726 ]]

Q-values after update: [[2.863254 2.1660738]]

Episode 41 out of total 100, Total Reward: 11.0, Epsilon: 0.81, Current State: [-0.11915795 -1.8045539 0.25683314 2.8868814 ], Steps Taken: 11

Designated Priority: 1

Q-values before update: [[4.86571 3.5172577]]

Q-values after update: [[4.8666253 3.5167506]]

Designated Priority: 1

Q-values before update: [[4.389185 3.3605144]]

Q-values after update: [[4.3888664 3.3591924]]

Designated Priority: 1

Q-values before update: [[3.998259 3.141749]]

Q-values after update: [[3.9968872 3.1395762]]

Designated Priority: 1

Q-values before update: [[3.6961522 2.9152162]]

Q-values after update: [[3.69361 2.9126768]]

Designated Priority: 1

Q-values before update: [[3.4345927 2.6881416]]

Q-values after update: [[3.4322605 2.6855085]]

Designated Priority: 1

Q-values before update: [[3.1960766 2.4719634]]

Q-values after update: [[3.194493 2.4696882]]

Designated Priority: 1

Q-values before update: [[2.9746037 2.2644775]]

Q-values after update: [[2.974803 2.263234]]

Designated Priority: 1

Q-values before update: [[2.776632 2.0916634]]

Q-values after update: [[2.7769916 2.0908792]]

Designated Priority: 1

Q-values before update: [[2.6274912 1.9954414]]

Q-values after update: [[2.6289477 1.9952835]]

Designated Priority: 3

Q-values before update: [[2.5383415 1.9405559]]

Q-values after update: [[2.5081131 1.9207994]]

Episode 42 out of total 100, Total Reward: 10.0, Epsilon: 0.81, Current State: [-0.1830279 -1.9396 0.23528337 3.0303934 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[4.839693 3.4882824]]

Q-values after update: [[4.8406587 3.4875803]]

Designated Priority: 1

Q-values before update: [[4.3683248 3.340001 ]]

Q-values after update: [[4.3680997 3.338568 ]]

Designated Priority: 1

Q-values before update: [[3.9592211 3.116274 ]]

Q-values after update: [[3.957977 3.1142676]]

Designated Priority: 1

Q-values before update: [[3.6577253 2.8857164]]

Q-values after update: [[3.655458 2.88363 ]]

Designated Priority: 1

Q-values before update: [[3.3974009 2.6568494]]

Q-values after update: [[3.3956146 2.654969 ]]

Designated Priority: 1

Q-values before update: [[3.148146 2.433477]]

Q-values after update: [[3.1484895 2.436312 ]]

Designated Priority: 1

Q-values before update: [[3.3999705 2.6581204]]

Q-values after update: [[3.4030728 2.6622083]]

Designated Priority: 1

Q-values before update: [[3.1663775 2.4481087]]

Q-values after update: [[3.1710718 2.4530935]]

Designated Priority: 1

Q-values before update: [[2.9595792 2.2520707]]

Q-values after update: [[2.9661198 2.2581918]]

Designated Priority: 3

Q-values before update: [[2.7666306 2.0780735]]

Q-values after update: [[2.7305593 2.0572438]]

Episode 43 out of total 100, Total Reward: 10.0, Epsilon: 0.81, Current State: [-0.16914985 -1.5611488 0.23624127 2.5312147 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[4.8869677 3.5476646]]

Q-values after update: [[4.884786 3.5466073]]

Designated Priority: 1

Q-values before update: [[4.3776298 3.3747773]]

Q-values after update: [[4.3733373 3.372105 ]]

Designated Priority: 1

Q-values before update: [[3.9647663 3.1438053]]

Q-values after update: [[3.9590664 3.140296 ]]

Designated Priority: 1

Q-values before update: [[3.6285782 2.8947818]]

Q-values after update: [[3.6222968 2.894688 ]]

Designated Priority: 1

Q-values before update: [[3.9208565 3.1209617]]

Q-values after update: [[3.919524 3.1225812]]

Designated Priority: 1

Q-values before update: [[3.5944612 2.8790305]]

Q-values after update: [[3.5917327 2.8802893]]

Designated Priority: 1

Q-values before update: [[3.307128 2.6339054]]

Q-values after update: [[3.305856 2.6388552]]

Designated Priority: 1

Q-values before update: [[3.5813198 2.8757977]]

Q-values after update: [[3.582703 2.881566]]

Designated Priority: 1

Q-values before update: [[3.309884 2.6433718]]

Q-values after update: [[3.3118565 2.6491659]]

Designated Priority: 1

Q-values before update: [[3.0456076 2.4170034]]

Q-values after update: [[3.048504 2.423163]]

Designated Priority: 1

Q-values before update: [[2.806763 2.203627]]

Q-values after update: [[2.8112862 2.2105956]]

Designated Priority: 3

Q-values before update: [[2.6083949 2.0333223]]

Q-values after update: [[2.5988522 2.019754 ]]

Episode 44 out of total 100, Total Reward: 12.0, Epsilon: 0.80, Current State: [-0.11294956 -1.2031852 0.22149712 1.9458929 ], Steps Taken: 12

Designated Priority: 1

Q-values before update: [[4.8469906 3.538274 ]]

Q-values after update: [[4.8511615 3.5448372]]

Designated Priority: 1

Q-values before update: [[5.444698 3.6516278]]

Q-values after update: [[5.4512453 3.6592689]]

Designated Priority: 1

Q-values before update: [[4.876136 3.5767298]]

Q-values after update: [[4.882321 3.582572]]

Designated Priority: 1

Q-values before update: [[4.3960996 3.4022663]]

Q-values after update: [[4.401929 3.4063156]]

Designated Priority: 1

Q-values before update: [[3.9625297 3.161797 ]]

Q-values after update: [[3.967594 3.164771]]

Designated Priority: 1

Q-values before update: [[3.645895 2.911562]]

Q-values after update: [[3.6516092 2.9180186]]

Designated Priority: 1

Q-values before update: [[3.973282 3.1729865]]

Q-values after update: [[3.9812076 3.1803412]]

Designated Priority: 1

Q-values before update: [[3.6760356 2.9328523]]

Q-values after update: [[3.6834743 2.9397464]]

Designated Priority: 1

Q-values before update: [[3.4082673 2.6976779]]

Q-values after update: [[3.4167242 2.7046235]]

Designated Priority: 1

Q-values before update: [[3.1453495 2.463677 ]]

Q-values after update: [[3.1554534 2.4712024]]

Designated Priority: 1

Q-values before update: [[2.8933742 2.2345192]]

Q-values after update: [[2.9052446 2.242877 ]]

Designated Priority: 3

Q-values before update: [[2.6728075 2.0420458]]

Q-values after update: [[2.6462 2.0253823]]

Episode 45 out of total 100, Total Reward: 12.0, Epsilon: 0.80, Current State: [-0.15182635 -1.5897743 0.24557477 2.6273246 ], Steps Taken: 12

Designated Priority: 1

Q-values before update: [[5.0640726 3.7234151]]

Q-values after update: [[5.0651555 3.72516 ]]

Designated Priority: 1

Q-values before update: [[4.5497446 3.5357242]]

Q-values after update: [[4.5497155 3.5358496]]

Designated Priority: 1

Q-values before update: [[4.111485 3.2788043]]

Q-values after update: [[4.110456 3.2778912]]

Designated Priority: 1

Q-values before update: [[3.7456713 3.0094929]]

Q-values after update: [[3.7433615 3.0081856]]

Designated Priority: 1

Q-values before update: [[3.429138 2.7360682]]

Q-values after update: [[3.4273176 2.734708 ]]

Designated Priority: 1

Q-values before update: [[3.1183355 2.467245 ]]

Q-values after update: [[3.1173792 2.4662285]]

Designated Priority: 1

Q-values before update: [[2.8361156 2.2131453]]

Q-values after update: [[2.8370032 2.2131147]]

Designated Priority: 1

Q-values before update: [[2.5800285 2.0021973]]

Q-values after update: [[2.5854692 2.0086398]]

Designated Priority: 1

Q-values before update: [[2.8180137 2.2004724]]

Q-values after update: [[2.8259122 2.2078516]]

Designated Priority: 3

Q-values before update: [[2.5785449 1.9939728]]

Q-values after update: [[2.54569 1.9762399]]

Episode 46 out of total 100, Total Reward: 10.0, Epsilon: 0.79, Current State: [-0.1209227 -1.5821201 0.24152932 2.5555365 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[4.9012575 3.5776317]]

Q-values after update: [[4.899544 3.5774055]]

Designated Priority: 1

Q-values before update: [[4.3512497 3.368658 ]]

Q-values after update: [[4.347825 3.3668532]]

Designated Priority: 1

Q-values before update: [[3.8668482 3.0833893]]

Q-values after update: [[3.862051 3.0806446]]

Designated Priority: 1

Q-values before update: [[3.4409118 2.7935822]]

Q-values after update: [[3.4352694 2.7905595]]

Designated Priority: 1

Q-values before update: [[3.0844502 2.4966538]]

Q-values after update: [[3.0784566 2.4936736]]

Designated Priority: 1

Q-values before update: [[2.76764 2.2246976]]

Q-values after update: [[2.7624273 2.2221634]]

Designated Priority: 1

Q-values before update: [[2.4867635 1.9749373]]

Q-values after update: [[2.4836884 1.9737298]]

Designated Priority: 1

Q-values before update: [[2.2778885 1.8241524]]

Q-values after update: [[2.2775261 1.8248907]]

Designated Priority: 1

Q-values before update: [[2.0759761 1.6943343]]

Q-values after update: [[2.079256 1.6972305]]

Designated Priority: 3

Q-values before update: [[1.9350784 1.6080756]]

Q-values after update: [[1.8936142 1.5853614]]

Episode 47 out of total 100, Total Reward: 10.0, Epsilon: 0.79, Current State: [-0.18612504 -1.9901673 0.21206327 2.9743145 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[4.915412 3.5743797]]

Q-values after update: [[4.9178157 3.5751035]]

Designated Priority: 1

Q-values before update: [[4.343581 3.3631957]]

Q-values after update: [[4.345543 3.3635151]]

Designated Priority: 1

Q-values before update: [[3.846988 3.077746]]

Q-values after update: [[3.8483126 3.077787 ]]

Designated Priority: 1

Q-values before update: [[3.4003057 2.7825077]]

Q-values after update: [[3.3935237 2.7819748]]

Designated Priority: 1

Q-values before update: [[3.7906592 3.039586 ]]

Q-values after update: [[3.795381 3.0442574]]

Designated Priority: 1

Q-values before update: [[3.3378382 2.746739 ]]

Q-values after update: [[3.340032 2.7502422]]

Designated Priority: 1

Q-values before update: [[2.9497783 2.4401321]]

Q-values after update: [[2.953495 2.4444337]]

Designated Priority: 1

Q-values before update: [[2.6186259 2.1594365]]

Q-values after update: [[2.6249633 2.1646698]]

Designated Priority: 1

Q-values before update: [[2.3682923 1.9351168]]

Q-values after update: [[2.3778956 1.9416171]]

Designated Priority: 1

Q-values before update: [[2.1536813 1.7754111]]

Q-values after update: [[2.1681304 1.7840394]]

Designated Priority: 1

Q-values before update: [[1.9356714 1.6363667]]

Q-values after update: [[1.9558665 1.6479442]]

Designated Priority: 3

Q-values before update: [[1.7729287 1.5377421]]

Q-values after update: [[1.7499155 1.5261464]]

Episode 48 out of total 100, Total Reward: 12.0, Epsilon: 0.79, Current State: [-0.17482856 -1.9997203 0.22226427 2.943123 ], Steps Taken: 12

Designated Priority: 1

Q-values before update: [[5.163614 3.76723 ]]

Q-values after update: [[5.168022 3.7697172]]

Designated Priority: 1

Q-values before update: [[4.618017 3.582634]]

Q-values after update: [[4.6225185 3.5852346]]

Designated Priority: 1

Q-values before update: [[4.1278815 3.3015718]]

Q-values after update: [[4.1319146 3.3039815]]

Designated Priority: 1

Q-values before update: [[3.6981 3.0140908]]

Q-values after update: [[3.7018678 3.016703 ]]

Designated Priority: 1

Q-values before update: [[3.316573 2.7080402]]

Q-values after update: [[3.3213382 2.7116504]]

Designated Priority: 1

Q-values before update: [[2.9389946 2.3991866]]

Q-values after update: [[2.9457664 2.4039652]]

Designated Priority: 1

Q-values before update: [[2.5915742 2.108358 ]]

Q-values after update: [[2.6005836 2.11446 ]]

Designated Priority: 1

Q-values before update: [[2.2714238 1.8696651]]

Q-values after update: [[2.284243 1.8775393]]

Designated Priority: 1

Q-values before update: [[1.9981683 1.6989486]]

Q-values after update: [[2.0156002 1.709202 ]]

Designated Priority: 3

Q-values before update: [[1.7923216 1.5752503]]

Q-values after update: [[1.7647468 1.5606977]]

Episode 49 out of total 100, Total Reward: 10.0, Epsilon: 0.78, Current State: [-0.13214919 -1.970121 0.25817266 3.0881722 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[5.329464 3.831846]]

Q-values after update: [[5.334033 3.8333945]]

Designated Priority: 1

Q-values before update: [[4.8031034 3.6750154]]

Q-values after update: [[4.807261 3.6765568]]

Designated Priority: 1

Q-values before update: [[4.285128 3.3863525]]

Q-values after update: [[4.2904205 3.3935802]]

Designated Priority: 1

Q-values before update: [[4.8074336 3.6793334]]

Q-values after update: [[4.81397 3.685966]]

Designated Priority: 1

Q-values before update: [[4.2929025 3.4017088]]

Q-values after update: [[4.299768 3.4086177]]

Designated Priority: 1

Q-values before update: [[3.8611867 3.1207082]]

Q-values after update: [[3.8675716 3.1272151]]

Designated Priority: 1

Q-values before update: [[3.5038822 2.836861 ]]

Q-values after update: [[3.5099213 2.8432827]]

Designated Priority: 1

Q-values before update: [[3.1212497 2.532359 ]]

Q-values after update: [[3.132973 2.546243]]

Designated Priority: 1

Q-values before update: [[3.5172617 2.8481028]]

Q-values after update: [[3.5277202 2.8599565]]

Designated Priority: 1

Q-values before update: [[3.1645546 2.5656235]]

Q-values after update: [[3.180924 2.580694]]

Designated Priority: 3

Q-values before update: [[2.8090494 2.2820876]]

Q-values after update: [[2.7571464 2.2579925]]

Episode 50 out of total 100, Total Reward: 11.0, Epsilon: 0.78, Current State: [-0.12787588 -1.3357986 0.21656144 2.2477324 ], Steps Taken: 11

Designated Priority: 1

Q-values before update: [[5.184816 3.8192053]]

Q-values after update: [[5.181437 3.8198035]]

Designated Priority: 1

Q-values before update: [[4.642999 3.6259212]]

Q-values after update: [[4.6374683 3.6245143]]

Designated Priority: 1

Q-values before update: [[4.114052 3.326515]]

Q-values after update: [[4.106725 3.3239026]]

Designated Priority: 1

Q-values before update: [[3.6613624 3.0222764]]

Q-values after update: [[3.6496177 3.0177426]]

Designated Priority: 1

Q-values before update: [[3.2001395 2.683537 ]]

Q-values after update: [[3.1828122 2.677348 ]]

Designated Priority: 1

Q-values before update: [[2.7553256 2.3488054]]

Q-values after update: [[2.7401295 2.343896 ]]

Designated Priority: 1

Q-values before update: [[2.3274858 2.0238218]]

Q-values after update: [[2.316074 2.0210147]]

Designated Priority: 1

Q-values before update: [[1.9347054 1.7536994]]

Q-values after update: [[1.9286695 1.753332 ]]

Designated Priority: 3

Q-values before update: [[1.6134286 1.5638483]]

Q-values after update: [[1.5847433 1.5525922]]

Episode 51 out of total 100, Total Reward: 9.0, Epsilon: 0.77, Current State: [-0.12467346 -1.8019708 0.238622 2.849305 ], Steps Taken: 9

Designated Priority: 1

Q-values before update: [[5.082791 3.725953]]

Q-values after update: [[5.08476 3.7270057]]

Designated Priority: 1

Q-values before update: [[4.503003 3.5003083]]

Q-values after update: [[4.5043974 3.5008814]]

Designated Priority: 1

Q-values before update: [[3.9428928 3.1769793]]

Q-values after update: [[3.943332 3.1770372]]

Designated Priority: 1

Q-values before update: [[3.3852391 2.834117 ]]

Q-values after update: [[3.381993 2.8332345]]

Designated Priority: 1

Q-values before update: [[2.8704658 2.4754634]]

Q-values after update: [[2.8670938 2.4751506]]

Designated Priority: 1

Q-values before update: [[2.4287796 2.1453145]]

Q-values after update: [[2.4272785 2.1459696]]

Designated Priority: 1

Q-values before update: [[2.0181675 1.8346187]]

Q-values after update: [[2.0199797 1.8369491]]

Designated Priority: 1

Q-values before update: [[1.6853917 1.6226 ]]

Q-values after update: [[1.6914562 1.6267043]]

Designated Priority: 1

Q-values before update: [[1.3896707 1.4507887]]

Q-values after update: [[1.396251 1.4618733]]

Designated Priority: 1

Q-values before update: [[1.5882175 1.5461981]]

Q-values after update: [[1.6024141 1.5592334]]

Designated Priority: 3

Q-values before update: [[1.3356081 1.4083033]]

Q-values after update: [[1.3383993 1.4049317]]

Episode 52 out of total 100, Total Reward: 11.0, Epsilon: 0.77, Current State: [-0.2268685 -1.4187514 0.2533088 2.1999993], Steps Taken: 11

Designated Priority: 1

Q-values before update: [[5.2267375 3.796273 ]]

Q-values after update: [[5.232632 3.797812]]

Designated Priority: 1

Q-values before update: [[4.6536345 3.5921197]]

Q-values after update: [[4.660461 3.5945275]]

Designated Priority: 1

Q-values before update: [[4.088874 3.269383]]

Q-values after update: [[4.0959883 3.2720017]]

Designated Priority: 1

Q-values before update: [[3.550251 2.9403276]]

Q-values after update: [[3.5604584 2.9443514]]

Designated Priority: 1

Q-values before update: [[3.0375597 2.5860808]]

Q-values after update: [[3.0499249 2.590795 ]]

Designated Priority: 1

Q-values before update: [[2.591927 2.2489734]]

Q-values after update: [[2.605009 2.2544217]]

Designated Priority: 1

Q-values before update: [[2.1880858 1.9365032]]

Q-values after update: [[2.2059405 1.9492482]]

Designated Priority: 1

Q-values before update: [[2.5558524 2.215064 ]]

Q-values after update: [[2.576447 2.2325335]]

Designated Priority: 1

Q-values before update: [[3.0040894 2.5450754]]

Q-values after update: [[3.0243542 2.5609188]]

Designated Priority: 1

Q-values before update: [[2.5914223 2.2367868]]

Q-values after update: [[2.6145813 2.2543766]]

Designated Priority: 1

Q-values before update: [[2.202735 1.9425405]]

Q-values after update: [[2.2292883 1.9619793]]

Designated Priority: 3

Q-values before update: [[1.8402538 1.6878245]]

Q-values after update: [[1.8274515 1.6854934]]

Episode 53 out of total 100, Total Reward: 12.0, Epsilon: 0.77, Current State: [-0.20894684 -1.5898613 0.2456037 2.517698 ], Steps Taken: 12

Designated Priority: 1

Q-values before update: [[5.2753363 3.873296 ]]

Q-values after update: [[5.278972 3.8763194]]

Designated Priority: 1

Q-values before update: [[4.7275424 3.6701696]]

Q-values after update: [[4.7315574 3.6734285]]

Designated Priority: 1

Q-values before update: [[4.176564 3.3595333]]

Q-values after update: [[4.1804094 3.3626895]]

Designated Priority: 1

Q-values before update: [[3.69296 3.049667]]

Q-values after update: [[3.6978297 3.0535045]]

Designated Priority: 1

Q-values before update: [[3.179445 2.7042701]]

Q-values after update: [[3.1858377 2.7089844]]

Designated Priority: 1

Q-values before update: [[2.724568 2.3711765]]

Q-values after update: [[2.7310019 2.3767967]]

Designated Priority: 1

Q-values before update: [[2.2966423 2.0537498]]

Q-values after update: [[2.3054097 2.0606081]]

Designated Priority: 1

Q-values before update: [[1.9064286 1.7906072]]

Q-values after update: [[1.9199493 1.7992892]]

Designated Priority: 1

Q-values before update: [[1.5583159 1.594368 ]]

Q-values after update: [[1.5787443 1.6061977]]

Designated Priority: 3

Q-values before update: [[1.3298476 1.4748755]]

Q-values after update: [[1.3342912 1.4677358]]

Episode 54 out of total 100, Total Reward: 10.0, Epsilon: 0.76, Current State: [-0.18300821 -1.6154755 0.2636738 2.5727336 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[5.652194 4.0659294]]

Q-values after update: [[5.6594644 4.0672483]]

Designated Priority: 1

Q-values before update: [[5.0970006 3.8753574]]

Q-values after update: [[5.1049757 3.8772354]]

Designated Priority: 1

Q-values before update: [[4.559113 3.5848868]]

Q-values after update: [[4.5681777 3.587657 ]]

Designated Priority: 1

Q-values before update: [[4.063058 3.279249]]

Q-values after update: [[4.072965 3.28246 ]]

Designated Priority: 1

Q-values before update: [[3.6074023 2.9554129]]

Q-values after update: [[3.622108 2.9606025]]

Designated Priority: 1

Q-values before update: [[3.131756 2.6162522]]

Q-values after update: [[3.1467662 2.622084 ]]

Designated Priority: 1

Q-values before update: [[2.6959116 2.2850735]]

Q-values after update: [[2.713843 2.292285]]

Designated Priority: 1

Q-values before update: [[2.2807837 1.9688741]]

Q-values after update: [[2.3024821 1.977902 ]]

Designated Priority: 1

Q-values before update: [[1.8831242 1.7255713]]

Q-values after update: [[1.9103564 1.736921 ]]

Designated Priority: 3

Q-values before update: [[1.5350411 1.5183003]]

Q-values after update: [[1.5261555 1.5110618]]

Episode 55 out of total 100, Total Reward: 10.0, Epsilon: 0.76, Current State: [-0.19182669 -1.9092858 0.24267213 3.0792048 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[5.803637 4.1640153]]

Q-values after update: [[5.810026 4.1654077]]

Designated Priority: 1

Q-values before update: [[5.2466507 3.9918516]]

Q-values after update: [[5.25332 3.9934335]]

Designated Priority: 1

Q-values before update: [[4.7372985 3.7185807]]

Q-values after update: [[4.7462707 3.7278628]]

Designated Priority: 1

Q-values before update: [[5.2426343 3.9867826]]

Q-values after update: [[5.2520204 3.9950342]]

Designated Priority: 1

Q-values before update: [[4.736165 3.7255974]]

Q-values after update: [[4.7485213 3.741507 ]]

Designated Priority: 1

Q-values before update: [[5.2519503 4.0016513]]

Q-values after update: [[5.265225 4.023505]]

Designated Priority: 1

Q-values before update: [[5.8213005 4.2155986]]

Q-values after update: [[5.835543 4.2367916]]

Designated Priority: 1

Q-values before update: [[5.289377 4.055073]]

Q-values after update: [[5.305018 4.082172]]

Designated Priority: 1

Q-values before update: [[5.856732 4.2867293]]

Q-values after update: [[5.8746495 4.3258176]]

Designated Priority: 1

Q-values before update: [[6.491692 4.4962068]]

Q-values after update: [[6.5107927 4.5347924]]

Designated Priority: 1

Q-values before update: [[5.9154615 4.3969903]]

Q-values after update: [[5.9351406 4.4424767]]

Designated Priority: 1

Q-values before update: [[6.543694 4.62104 ]]

Q-values after update: [[6.565024 4.6661763]]

Designated Priority: 1

Q-values before update: [[5.97641 4.5181565]]

Q-values after update: [[5.996115 4.5563436]]

Designated Priority: 1

Q-values before update: [[5.4696474 4.330502 ]]

Q-values after update: [[5.4887056 4.3620467]]

Designated Priority: 1

Q-values before update: [[4.9847674 4.091409 ]]

Q-values after update: [[5.0026503 4.118918 ]]

Designated Priority: 1

Q-values before update: [[4.5417624 3.8040469]]

Q-values after update: [[4.558895 3.828826]]

Designated Priority: 1

Q-values before update: [[4.149768 3.510742]]

Q-values after update: [[4.167729 3.5335577]]

Designated Priority: 1

Q-values before update: [[3.7059143 3.190324 ]]

Q-values after update: [[3.7254438 3.212751 ]]

Designated Priority: 1

Q-values before update: [[3.2906523 2.8732514]]

Q-values after update: [[3.3137808 2.8962092]]

Designated Priority: 3

Q-values before update: [[2.884734 2.5579352]]

Q-values after update: [[2.8078814 2.5205946]]

Episode 56 out of total 100, Total Reward: 20.0, Epsilon: 0.76, Current State: [-0.07479516 -1.5419315 0.23726445 2.687678 ], Steps Taken: 20

Designated Priority: 1

Q-values before update: [[5.766268 4.374162]]

Q-values after update: [[5.7666254 4.384955 ]]

Designated Priority: 1

Q-values before update: [[5.1769524 4.146934 ]]

Q-values after update: [[5.1746936 4.153068 ]]

Designated Priority: 1

Q-values before update: [[4.5971346 3.8156068]]

Q-values after update: [[4.590481 3.8164423]]

Designated Priority: 1

Q-values before update: [[4.02648 3.4489703]]

Q-values after update: [[4.0193534 3.45284 ]]

Designated Priority: 1

Q-values before update: [[4.540227 3.7809246]]

Q-values after update: [[4.542709 3.7952952]]

Designated Priority: 1

Q-values before update: [[5.0975676 4.106561 ]]

Q-values after update: [[5.1042037 4.1227703]]

Designated Priority: 1

Q-values before update: [[4.521122 3.7864056]]

Q-values after update: [[4.5262284 3.799243 ]]

Designated Priority: 1

Q-values before update: [[3.928962 3.4157264]]

Q-values after update: [[3.931308 3.4252791]]

Designated Priority: 1

Q-values before update: [[3.3668847 3.0266154]]

Q-values after update: [[3.3642585 3.032923 ]]

Designated Priority: 1

Q-values before update: [[2.7943342 2.6246152]]

Q-values after update: [[2.7933614 2.630261 ]]

Designated Priority: 1

Q-values before update: [[2.262726 2.2474687]]

Q-values after update: [[2.260485 2.252699]]

Designated Priority: 1

Q-values before update: [[1.8156182 1.9077189]]

Q-values after update: [[1.8182714 1.9201443]]

Designated Priority: 1

Q-values before update: [[2.1893318 2.2006075]]

Q-values after update: [[2.1987906 2.2199786]]

Designated Priority: 3

Q-values before update: [[2.7056713 2.579522 ]]

Q-values after update: [[2.6423628 2.5576696]]

Episode 57 out of total 100, Total Reward: 14.0, Epsilon: 0.75, Current State: [-0.21508762 -1.1873828 0.21258143 1.85198 ], Steps Taken: 14

Designated Priority: 1

Q-values before update: [[6.1771493 4.829937 ]]

Q-values after update: [[6.170628 4.8356285]]

Designated Priority: 1

Q-values before update: [[5.5534463 4.5676036]]

Q-values after update: [[5.545314 4.570872]]

Designated Priority: 1

Q-values before update: [[4.95648 4.222543]]

Q-values after update: [[4.9451237 4.222421 ]]

Designated Priority: 1

Q-values before update: [[4.3264256 3.8259215]]

Q-values after update: [[4.3039527 3.8212547]]

Designated Priority: 1

Q-values before update: [[3.6634393 3.3946407]]

Q-values after update: [[3.6404164 3.3899705]]

Designated Priority: 1

Q-values before update: [[3.0270407 2.9631963]]

Q-values after update: [[3.0070455 2.959683 ]]

Designated Priority: 1

Q-values before update: [[2.4678059 2.5553362]]

Q-values after update: [[2.4574282 2.560587 ]]

Designated Priority: 1

Q-values before update: [[2.9279616 2.9036539]]

Q-values after update: [[2.922641 2.909606]]

Designated Priority: 1

Q-values before update: [[2.3900564 2.5140524]]

Q-values after update: [[2.3901145 2.5278177]]

Designated Priority: 1

Q-values before update: [[2.888254 2.8879883]]

Q-values after update: [[2.8922653 2.9013238]]

Designated Priority: 3

Q-values before update: [[2.3728554 2.5194979]]

Q-values after update: [[2.3407154 2.486025 ]]

Episode 58 out of total 100, Total Reward: 11.0, Epsilon: 0.75, Current State: [-0.1570659 -0.932017 0.22396554 1.6471344 ], Steps Taken: 11

Designated Priority: 1

Q-values before update: [[5.838451 4.648158]]

Q-values after update: [[5.836597 4.640377]]

Designated Priority: 1

Q-values before update: [[5.2099047 4.3651724]]

Q-values after update: [[5.206926 4.356924]]

Designated Priority: 1

Q-values before update: [[4.571543 3.9881752]]

Q-values after update: [[4.5660515 3.9780774]]

Designated Priority: 1

Q-values before update: [[3.862298 3.5464475]]

Q-values after update: [[3.8533645 3.5348973]]

Designated Priority: 1

Q-values before update: [[3.1980035 3.098284 ]]

Q-values after update: [[3.189659 3.0868373]]

Designated Priority: 1

Q-values before update: [[2.6053236 2.6611307]]

Q-values after update: [[2.601542 2.6558964]]

Designated Priority: 1

Q-values before update: [[3.1263769 3.0362628]]

Q-values after update: [[3.1267138 3.033934 ]]

Designated Priority: 1

Q-values before update: [[2.569635 2.621568]]

Q-values after update: [[2.574286 2.6255376]]

Designated Priority: 1

Q-values before update: [[3.103847 3.0132844]]

Q-values after update: [[3.1111016 3.0186722]]

Designated Priority: 3

Q-values before update: [[2.578521 2.6217153]]

Q-values after update: [[2.5502877 2.5839367]]

Episode 59 out of total 100, Total Reward: 10.0, Epsilon: 0.75, Current State: [-0.14943404 -0.805575 0.24006148 1.4475554 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[6.210207 4.8779197]]

Q-values after update: [[6.2090507 4.8645716]]

Designated Priority: 1

Q-values before update: [[5.5581317 4.5950017]]

Q-values after update: [[5.5565023 4.581967 ]]

Designated Priority: 1

Q-values before update: [[4.933935 4.215188]]

Q-values after update: [[4.9297795 4.200786 ]]

Designated Priority: 1

Q-values before update: [[4.221988 3.7649934]]

Q-values after update: [[4.2164726 3.7501428]]

Designated Priority: 1

Q-values before update: [[3.5357158 3.2948594]]

Q-values after update: [[3.5298114 3.2801275]]

Designated Priority: 1

Q-values before update: [[2.9170709 2.831892 ]]

Q-values after update: [[2.9148955 2.8240323]]

Designated Priority: 1

Q-values before update: [[3.4682808 3.2274778]]

Q-values after update: [[3.470738 3.2229905]]

Designated Priority: 1

Q-values before update: [[2.881 2.7838995]]

Q-values after update: [[2.8840556 2.7801888]]

Designated Priority: 3

Q-values before update: [[2.325606 2.3525953]]

Q-values after update: [[2.2820134 2.3215005]]

Episode 60 out of total 100, Total Reward: 9.0, Epsilon: 0.75, Current State: [-0.07132279 -1.3275421 0.22240381 2.2598994 ], Steps Taken: 9

Designated Priority: 1

Q-values before update: [[5.855364 4.5991673]]

Q-values after update: [[5.8522987 4.593051 ]]

Designated Priority: 1

Q-values before update: [[5.2106886 4.2818847]]

Q-values after update: [[5.206735 4.2752504]]

Designated Priority: 1

Q-values before update: [[4.5097857 3.855656 ]]

Q-values after update: [[4.5026774 3.8465858]]

Designated Priority: 1

Q-values before update: [[3.7322166 3.3686385]]

Q-values after update: [[3.7196107 3.3576221]]

Designated Priority: 1

Q-values before update: [[3.024191 2.8814685]]

Q-values after update: [[3.0114925 2.8708029]]

Designated Priority: 1

Q-values before update: [[2.3809433 2.4041865]]

Q-values after update: [[2.3711262 2.4002333]]

Designated Priority: 1

Q-values before update: [[2.9321532 2.8125222]]

Q-values after update: [[2.9294333 2.811455 ]]

Designated Priority: 1

Q-values before update: [[2.3207633 2.3553896]]

Q-values after update: [[2.3209243 2.361023 ]]

Designated Priority: 3

Q-values before update: [[2.8849108 2.779401 ]]

Q-values after update: [[2.826303 2.749281]]

Episode 61 out of total 100, Total Reward: 9.0, Epsilon: 0.75, Current State: [-0.10939446 -1.0200344 0.23024507 1.7774926 ], Steps Taken: 9

Designated Priority: 1

Q-values before update: [[5.7176247 4.434035 ]]

Q-values after update: [[5.7068777 4.4286065]]

Designated Priority: 1

Q-values before update: [[5.0449057 4.1117334]]

Q-values after update: [[5.033062 4.1054006]]

Designated Priority: 1

Q-values before update: [[4.29493 3.656617]]

Q-values after update: [[4.270629 3.6435494]]

Designated Priority: 1

Q-values before update: [[3.4034176 3.1268039]]

Q-values after update: [[3.3775394 3.1134813]]

Designated Priority: 1

Q-values before update: [[2.622746 2.6145961]]

Q-values after update: [[2.5983338 2.6024625]]

Designated Priority: 1

Q-values before update: [[1.9135484 2.1166115]]

Q-values after update: [[1.892305 2.1112287]]

Designated Priority: 1

Q-values before update: [[2.495305 2.5315049]]

Q-values after update: [[2.4829206 2.5287683]]

Designated Priority: 1

Q-values before update: [[1.8085978 2.0496233]]

Q-values after update: [[1.7988007 2.0535488]]

Designated Priority: 1

Q-values before update: [[2.4035418 2.4790845]]

Q-values after update: [[2.4037578 2.489783 ]]

Designated Priority: 3

Q-values before update: [[3.0908368 2.9557202]]

Q-values after update: [[3.0098026 2.9255128]]

Episode 62 out of total 100, Total Reward: 10.0, Epsilon: 0.75, Current State: [-0.1707907 -0.8297724 0.22952713 1.454505 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[5.88625 4.586119]]

Q-values after update: [[5.868467 4.5958953]]

Designated Priority: 1

Q-values before update: [[6.6023655 4.829067 ]]

Q-values after update: [[6.593721 4.8421125]]

Designated Priority: 1

Q-values before update: [[5.8627973 4.6003056]]

Q-values after update: [[5.8512073 4.609096 ]]

Designated Priority: 1

Q-values before update: [[5.108888 4.2708883]]

Q-values after update: [[5.0973477 4.284066 ]]

Designated Priority: 1

Q-values before update: [[5.8305197 4.6037145]]

Q-values after update: [[5.8259306 4.620735 ]]

Designated Priority: 1

Q-values before update: [[5.073215 4.277878]]

Q-values after update: [[5.065201 4.288996]]

Designated Priority: 1

Q-values before update: [[4.1902757 3.770475 ]]

Q-values after update: [[4.1714835 3.774861 ]]

Designated Priority: 1

Q-values before update: [[3.2546034 3.236552 ]]

Q-values after update: [[3.2366161 3.239448 ]]

Designated Priority: 1

Q-values before update: [[2.4400294 2.7197125]]

Q-values after update: [[2.4280565 2.7271426]]

Designated Priority: 1

Q-values before update: [[3.1298707 3.1721754]]

Q-values after update: [[3.1234176 3.185476 ]]

Designated Priority: 1

Q-values before update: [[4.0067782 3.6870558]]

Q-values after update: [[4.0042973 3.700231 ]]

Designated Priority: 1

Q-values before update: [[3.0474195 3.1492786]]

Q-values after update: [[3.0472367 3.1663806]]

Designated Priority: 1

Q-values before update: [[3.9376233 3.673693 ]]

Q-values after update: [[3.9408684 3.690161 ]]

Designated Priority: 1

Q-values before update: [[2.979717 3.1385238]]

Q-values after update: [[2.9859364 3.1589844]]

Designated Priority: 1

Q-values before update: [[3.87123 3.668899]]

Q-values after update: [[3.8792992 3.68813 ]]

Designated Priority: 1

Q-values before update: [[2.9292936 3.1400993]]

Q-values after update: [[2.939259 3.1633487]]

Designated Priority: 1

Q-values before update: [[3.8053253 3.6722677]]

Q-values after update: [[3.8178456 3.6941006]]

Designated Priority: 1

Q-values before update: [[2.8968494 3.1526375]]

Q-values after update: [[2.9110198 3.17867 ]]

Designated Priority: 1

Q-values before update: [[3.743079 3.6854408]]

Q-values after update: [[3.760207 3.7098742]]

Designated Priority: 1

Q-values before update: [[2.8745756 3.1762018]]

Q-values after update: [[2.8930178 3.2051115]]

Designated Priority: 1

Q-values before update: [[3.681248 3.7084994]]

Q-values after update: [[3.705719 3.7421074]]

Designated Priority: 3

Q-values before update: [[4.621602 4.2706285]]

Q-values after update: [[4.518721 4.245765]]

Episode 63 out of total 100, Total Reward: 22.0, Epsilon: 0.75, Current State: [-0.14116837 -0.43199748 0.21888633 0.9444995 ], Steps Taken: 22

Designated Priority: 1

Q-values before update: [[5.832089 4.9654126]]

Q-values after update: [[5.7850566 4.9616985]]

Designated Priority: 1

Q-values before update: [[5.0361514 4.558292 ]]

Q-values after update: [[4.9669337 4.545493 ]]

Designated Priority: 1

Q-values before update: [[3.9866474 3.9954324]]

Q-values after update: [[3.930502 3.99205 ]]

Designated Priority: 1

Q-values before update: [[4.871914 4.5065084]]

Q-values after update: [[4.8201346 4.502835 ]]

Designated Priority: 1

Q-values before update: [[3.839441 3.9555666]]

Q-values after update: [[3.798382 3.9596293]]

Designated Priority: 1

Q-values before update: [[4.7337337 4.4733267]]

Q-values after update: [[4.6961875 4.4767737]]

Designated Priority: 1

Q-values before update: [[3.7148604 3.931819 ]]

Q-values after update: [[3.6860857 3.9417212]]

Designated Priority: 1

Q-values before update: [[4.6154127 4.4551444]]

Q-values after update: [[4.5927076 4.471753 ]]

Designated Priority: 1

Q-values before update: [[5.44797 4.9235787]]

Q-values after update: [[5.4393344 4.9521174]]

Designated Priority: 1

Q-values before update: [[6.271671 5.329044]]

Q-values after update: [[6.2648225 5.357899 ]]

Designated Priority: 1

Q-values before update: [[5.442057 5.0067606]]

Q-values after update: [[5.4344077 5.0396667]]

Designated Priority: 1

Q-values before update: [[6.260148 5.425957]]

Q-values after update: [[6.259056 5.460381]]

Designated Priority: 1

Q-values before update: [[5.425373 5.0931478]]

Q-values after update: [[5.4204535 5.120524 ]]

Designated Priority: 1

Q-values before update: [[4.502949 4.6297307]]

Q-values after update: [[4.5015 4.659285]]

Designated Priority: 1

Q-values before update: [[5.3899584 5.1492877]]

Q-values after update: [[5.3903337 5.1785736]]

Designated Priority: 1

Q-values before update: [[4.4657726 4.67912 ]]

Q-values after update: [[4.469397 4.710757]]

Designated Priority: 1

Q-values before update: [[5.3616085 5.209432 ]]

Q-values after update: [[5.3667693 5.2401605]]

Designated Priority: 1

Q-values before update: [[4.4333744 4.733628 ]]

Q-values after update: [[4.441394 4.766951]]

Designated Priority: 1

Q-values before update: [[5.33905 5.272543]]

Q-values after update: [[5.348376 5.3045483]]

Designated Priority: 1

Q-values before update: [[4.4037886 4.7925105]]

Q-values after update: [[4.415679 4.8272185]]

Designated Priority: 1

Q-values before update: [[5.312692 5.339565]]

Q-values after update: [[5.325738 5.372662]]

Designated Priority: 1

Q-values before update: [[4.376423 4.8555202]]

Q-values after update: [[4.3912354 4.8916245]]

Designated Priority: 1

Q-values before update: [[5.2851057 5.4114738]]

Q-values after update: [[5.301937 5.445912]]

Designated Priority: 1

Q-values before update: [[4.3610873 4.9249372]]

Q-values after update: [[4.379595 4.9630003]]

Designated Priority: 1

Q-values before update: [[5.256515 5.4889793]]

Q-values after update: [[5.2766924 5.531937 ]]

Designated Priority: 1

Q-values before update: [[6.1668496 6.043506 ]]

Q-values after update: [[6.189737 6.085669]]

Designated Priority: 1

Q-values before update: [[5.2633824 5.605507 ]]

Q-values after update: [[5.2844887 5.64959 ]]

Designated Priority: 1

Q-values before update: [[6.1703067 6.166941 ]]

Q-values after update: [[6.1964192 6.210864 ]]

Designated Priority: 1

Q-values before update: [[5.2759194 5.727511 ]]

Q-values after update: [[5.3021507 5.7673774]]

Designated Priority: 1

Q-values before update: [[4.4188366 5.239513 ]]

Q-values after update: [[4.4442973 5.2829804]]

Designated Priority: 1

Q-values before update: [[5.2762656 5.829328 ]]

Q-values after update: [[5.3053513 5.87926 ]]

Designated Priority: 3

Q-values before update: [[6.162299 6.405699]]

Q-values after update: [[6.1091313 6.2801743]]

Episode 64 out of total 100, Total Reward: 32.0, Epsilon: 0.75, Current State: [-0.08158339 0.35201037 0.21846952 0.2661767 ], Steps Taken: 32

Designated Priority: 1

Q-values before update: [[5.7993817 5.732595 ]]

Q-values after update: [[5.769328 5.6397295]]

Designated Priority: 1

Q-values before update: [[4.9520726 5.210496 ]]

Q-values after update: [[4.9283404 5.142661 ]]

Designated Priority: 1

Q-values before update: [[5.7284493 5.5709085]]

Q-values after update: [[5.708127 5.503296]]

Designated Priority: 1

Q-values before update: [[4.8801246 5.08007 ]]

Q-values after update: [[4.865242 5.03264 ]]

Designated Priority: 1

Q-values before update: [[5.6739483 5.4581356]]

Q-values after update: [[5.66119 5.410339]]

Designated Priority: 1

Q-values before update: [[4.8213296 4.9881153]]

Q-values after update: [[4.813397 4.956742]]

Designated Priority: 1

Q-values before update: [[5.6314845 5.384394 ]]

Q-values after update: [[5.624664 5.35226 ]]

Designated Priority: 1

Q-values before update: [[4.77161 4.926646]]

Q-values after update: [[4.7692485 4.902837 ]]

Designated Priority: 1

Q-values before update: [[3.806973 4.37831 ]]

Q-values after update: [[3.8090942 4.365982 ]]

Designated Priority: 1

Q-values before update: [[4.696864 4.856929]]

Q-values after update: [[4.7005186 4.848606 ]]

Designated Priority: 1

Q-values before update: [[5.547205 5.284746]]

Q-values after update: [[5.5514593 5.283557 ]]

Designated Priority: 1

Q-values before update: [[6.346805 5.6865025]]

Q-values after update: [[6.3514957 5.684427 ]]

Designated Priority: 1

Q-values before update: [[5.561599 5.3171988]]

Q-values after update: [[5.5694184 5.3172913]]

Designated Priority: 1

Q-values before update: [[4.6522446 4.880536 ]]

Q-values after update: [[4.662135 4.887752]]

Designated Priority: 1

Q-values before update: [[5.528286 5.323571]]

Q-values after update: [[5.5395494 5.330021 ]]

Designated Priority: 1

Q-values before update: [[4.612801 4.8938313]]

Q-values after update: [[4.626686 4.907192]]

Designated Priority: 1

Q-values before update: [[5.487097 5.3428345]]

Q-values after update: [[5.501557 5.3544784]]

Designated Priority: 1

Q-values before update: [[4.568916 4.9151134]]

Q-values after update: [[4.5856743 4.933265 ]]

Designated Priority: 1

Q-values before update: [[5.4417953 5.3733287]]

Q-values after update: [[5.460373 5.39672 ]]

Designated Priority: 1

Q-values before update: [[6.2852936 5.8462896]]

Q-values after update: [[6.2983212 5.8674717]]

Designated Priority: 1

Q-values before update: [[5.421835 5.451551]]

Q-values after update: [[5.4413595 5.479237 ]]

Designated Priority: 1

Q-values before update: [[6.309693 5.9359756]]

Q-values after update: [[6.3261304 5.9617314]]

Designated Priority: 1

Q-values before update: [[5.3971252 5.538203 ]]

Q-values after update: [[5.4180474 5.569417 ]]

Designated Priority: 1

Q-values before update: [[6.2898917 6.0252814]]

Q-values after update: [[6.311542 6.0551605]]

Designated Priority: 1

Q-values before update: [[5.394578 5.635137]]

Q-values after update: [[5.414846 5.6688323]]

Designated Priority: 3

Q-values before update: [[6.2585917 6.1232753]]

Q-values after update: [[6.1245365 6.09444 ]]

Episode 65 out of total 100, Total Reward: 26.0, Epsilon: 0.75, Current State: [-0.0115987 -0.04349285 0.2194426 0.8570989 ], Steps Taken: 26

Designated Priority: 1

Q-values before update: [[5.5638013 5.29709 ]]

Q-values after update: [[5.495856 5.281794]]

Designated Priority: 1

Q-values before update: [[4.709072 4.896427]]

Q-values after update: [[4.6374145 4.8867292]]

Designated Priority: 1

Q-values before update: [[5.417201 5.2728496]]

Q-values after update: [[5.366822 5.2668114]]

Designated Priority: 1

Q-values before update: [[4.544697 4.869384]]

Q-values after update: [[4.491168 4.867768]]

Designated Priority: 1

Q-values before update: [[5.3017592 5.266533 ]]

Q-values after update: [[5.2654467 5.267629 ]]

Designated Priority: 1

Q-values before update: [[4.4116735 4.857732 ]]

Q-values after update: [[4.3726583 4.862485 ]]

Designated Priority: 1

Q-values before update: [[5.2106433 5.2746043]]

Q-values after update: [[5.1839423 5.288508 ]]

Designated Priority: 1

Q-values before update: [[5.9853296 5.6603956]]

Q-values after update: [[5.9624214 5.675108 ]]

Designated Priority: 1

Q-values before update: [[5.138543 5.329605]]

Q-values after update: [[5.112796 5.3482966]]

Designated Priority: 1

Q-values before update: [[5.9401407 5.727696 ]]

Q-values after update: [[5.926165 5.7480836]]

Designated Priority: 1

Q-values before update: [[5.0793257 5.390292 ]]

Q-values after update: [[5.0629344 5.412879 ]]

Designated Priority: 1

Q-values before update: [[5.9113207 5.8001904]]

Q-values after update: [[5.9058547 5.8364086]]

Designated Priority: 1

Q-values before update: [[6.7524056 6.141105 ]]

Q-values after update: [[6.7492023 6.1783223]]

Designated Priority: 1

Q-values before update: [[5.9246387 5.916714 ]]

Q-values after update: [[5.923892 5.947537]]

Designated Priority: 1

Q-values before update: [[5.0478873 5.5676723]]

Q-values after update: [[5.0444345 5.597573 ]]

Designated Priority: 1

Q-values before update: [[5.9228973 5.9990883]]

Q-values after update: [[5.9274936 6.0421333]]

Designated Priority: 1

Q-values before update: [[6.782825 6.3672395]]

Q-values after update: [[6.791225 6.411994]]

Designated Priority: 1

Q-values before update: [[5.9668226 6.126921 ]]

Q-values after update: [[5.975266 6.173369]]

Designated Priority: 1

Q-values before update: [[6.8298116 6.503706 ]]

Q-values after update: [[6.846649 6.5728636]]

Designated Priority: 1

Q-values before update: [[7.6963315 6.9003873]]

Q-values after update: [[7.720113 6.971871]]

Designated Priority: 1

Q-values before update: [[6.9225116 6.6921897]]

Q-values after update: [[6.9440665 6.7703924]]

Designated Priority: 1

Q-values before update: [[7.814373 7.1113024]]

Q-values after update: [[7.8437653 7.1929417]]

Designated Priority: 1

Q-values before update: [[7.032161 6.887715]]

Q-values after update: [[7.0553474 6.954303 ]]

Designated Priority: 1

Q-values before update: [[6.2457633 6.6158442]]

Q-values after update: [[6.264651 6.676358]]

Designated Priority: 1

Q-values before update: [[7.12781 7.0401254]]

Q-values after update: [[7.1551046 7.1080093]]

Designated Priority: 1

Q-values before update: [[6.336238 6.7474823]]

Q-values after update: [[6.358323 6.810742]]

Designated Priority: 1

Q-values before update: [[7.2382183 7.19283 ]]

Q-values after update: [[7.2695827 7.2626934]]

Designated Priority: 1

Q-values before update: [[6.439355 6.8796153]]

Q-values after update: [[6.4669495 6.93597 ]]

Designated Priority: 1

Q-values before update: [[5.570713 6.467283]]

Q-values after update: [[5.593406 6.5174727]]

Designated Priority: 1

Q-values before update: [[6.5244 6.976165]]

Q-values after update: [[6.5541906 7.044004 ]]

Designated Priority: 1

Q-values before update: [[7.480573 7.46992 ]]

Q-values after update: [[7.5203433 7.5442023]]

Designated Priority: 1

Q-values before update: [[6.658142 7.1189094]]

Q-values after update: [[6.691384 7.1904674]]

Designated Priority: 1

Q-values before update: [[7.640446 7.6359773]]

Q-values after update: [[7.684497 7.7144766]]

Designated Priority: 1

Q-values before update: [[6.8100524 7.2676 ]]

Q-values after update: [[6.847194 7.343971]]

Designated Priority: 1

Q-values before update: [[7.8231177 7.8110967]]

Q-values after update: [[7.8718004 7.8949924]]

Designated Priority: 1

Q-values before update: [[6.9836316 7.425532 ]]

Q-values after update: [[7.0252833 7.508213 ]]

Designated Priority: 1

Q-values before update: [[8.032571 7.9995275]]

Q-values after update: [[8.086357 8.090411]]

Designated Priority: 1

Q-values before update: [[7.183249 7.5971775]]

Q-values after update: [[7.231925 7.673112]]

Designated Priority: 1

Q-values before update: [[6.368865 7.1662884]]

Q-values after update: [[6.409363 7.238095]]

Designated Priority: 1

Q-values before update: [[7.383494 7.7416587]]

Q-values after update: [[7.438699 7.8423443]]

Designated Priority: 1

Q-values before update: [[8.520435 8.39283 ]]

Q-values after update: [[8.587336 8.502678]]

Designated Priority: 1

Q-values before update: [[7.654232 7.9608426]]

Q-values after update: [[7.715897 8.076019]]

Designated Priority: 3

Q-values before update: [[8.82996 8.664041]]

Q-values after update: [[8.469004 8.53664 ]]

Episode 66 out of total 100, Total Reward: 43.0, Epsilon: 0.75, Current State: [ 0.11978354 0.18560776 -0.22287051 -0.8057978 ], Steps Taken: 43

Designated Priority: 1

Q-values before update: [[5.8572454 7.213611 ]]

Q-values after update: [[5.7284694 7.1869082]]

Designated Priority: 1

Q-values before update: [[6.6472554 7.840707 ]]

Q-values after update: [[6.4991903 7.817901 ]]

Designated Priority: 1

Q-values before update: [[7.3971705 8.384223 ]]

Q-values after update: [[7.22659 8.369839]]

Designated Priority: 1

Q-values before update: [[8.093205 8.894776]]

Q-values after update: [[7.9142675 8.893026 ]]

Designated Priority: 1

Q-values before update: [[8.723194 9.435316]]

Q-values after update: [[8.54543 9.459506]]

Designated Priority: 1

Q-values before update: [[ 9.346453 10.014742]]

Q-values after update: [[ 9.187121 10.0508175]]

Designated Priority: 1

Q-values before update: [[8.523595 9.594581]]

Q-values after update: [[8.40625 9.654199]]

Designated Priority: 1

Q-values before update: [[ 9.177814 10.216682]]

Q-values after update: [[ 9.080494 10.326609]]

Designated Priority: 1

Q-values before update: [[ 9.849936 10.90814 ]]

Q-values after update: [[ 9.783697 11.0903 ]]

Designated Priority: 3

Q-values before update: [[10.55862 11.702516]]

Q-values after update: [[ 9.883883 10.528771]]

Episode 67 out of total 100, Total Reward: 10.0, Epsilon: 0.75, Current State: [ 0.14855552 1.597742 -0.21677849 -2.4776957 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[4.985735 6.9466033]]

Q-values after update: [[4.863831 6.6832976]]

Designated Priority: 1

Q-values before update: [[5.486566 7.1768274]]

Q-values after update: [[5.340062 6.8859587]]

Designated Priority: 1

Q-values before update: [[5.878562 7.1717625]]

Q-values after update: [[5.7061133 6.832946 ]]

Designated Priority: 1

Q-values before update: [[5.2467136 6.6584888]]

Q-values after update: [[5.1347423 6.4307785]]

Designated Priority: 1

Q-values before update: [[5.573144 6.5472226]]

Q-values after update: [[5.435621 6.288372]]

Designated Priority: 1

Q-values before update: [[5.843321 6.317406]]

Q-values after update: [[5.6840854 6.040404 ]]

Designated Priority: 1

Q-values before update: [[6.016319 6.0300574]]

Q-values after update: [[5.845757 5.7479825]]

Designated Priority: 1

Q-values before update: [[6.1487727 5.687605 ]]

Q-values after update: [[5.9715824 5.3990407]]

Designated Priority: 1

Q-values before update: [[5.7237625 5.4716053]]

Q-values after update: [[5.5896516 5.247178 ]]

Designated Priority: 1

Q-values before update: [[5.3458705 5.3241043]]

Q-values after update: [[5.247523 5.15269 ]]

Designated Priority: 1

Q-values before update: [[4.9806232 5.245578 ]]

Q-values after update: [[4.910685 5.1196513]]

Designated Priority: 1

Q-values before update: [[5.1093597 4.8586726]]

Q-values after update: [[5.031932 4.724538]]

Designated Priority: 1

Q-values before update: [[4.7919426 4.8307495]]

Q-values after update: [[4.739166 4.729776]]

Designated Priority: 3

Q-values before update: [[4.508098 4.847377]]

Q-values after update: [[4.429249 4.675227]]

Episode 68 out of total 100, Total Reward: 14.0, Epsilon: 0.75, Current State: [ 0.14086379 0.39910817 -0.21811403 -0.9494318 ], Steps Taken: 14

Designated Priority: 1

Q-values before update: [[4.1662016 5.1804314]]

Q-values after update: [[4.133576 5.0959587]]

Designated Priority: 1

Q-values before update: [[4.464162 5.1009507]]

Q-values after update: [[4.422469 4.999495]]

Designated Priority: 1

Q-values before update: [[4.6133122 4.7290754]]

Q-values after update: [[4.5686736 4.6216426]]

Designated Priority: 1

Q-values before update: [[4.410922 4.9335637]]

Q-values after update: [[4.380488 4.8553195]]

Designated Priority: 1

Q-values before update: [[4.545774 4.5412745]]

Q-values after update: [[4.513825 4.458618]]

Designated Priority: 1

Q-values before update: [[4.3719163 4.7897778]]

Q-values after update: [[4.3503685 4.7299943]]

Designated Priority: 1

Q-values before update: [[4.490471 4.3760433]]

Q-values after update: [[4.4686046 4.313066 ]]

Designated Priority: 1

Q-values before update: [[4.338652 4.658007]]

Q-values after update: [[4.324418 4.6133204]]

Designated Priority: 1

Q-values before update: [[4.440621 4.223879]]

Q-values after update: [[4.423675 4.178233]]

Designated Priority: 1

Q-values before update: [[4.3043413 4.528485 ]]

Q-values after update: [[4.2980223 4.495275 ]]

Designated Priority: 1

Q-values before update: [[4.085752 4.7373924]]

Q-values after update: [[4.084621 4.717418]]

Designated Priority: 1

Q-values before update: [[4.2567782 4.3921957]]

Q-values after update: [[4.2533026 4.369907 ]]

Designated Priority: 1

Q-values before update: [[4.329396 3.9398243]]

Q-values after update: [[4.325111 3.9219017]]

Designated Priority: 1

Q-values before update: [[4.370974 3.489898]]

Q-values after update: [[4.371023 3.4822078]]

Designated Priority: 1

Q-values before update: [[4.421213 3.077153]]

Q-values after update: [[4.425887 3.072304]]

Designated Priority: 1

Q-values before update: [[4.3284945 3.3564255]]

Q-values after update: [[4.336419 3.3553855]]

Designated Priority: 1

Q-values before update: [[4.2279577 3.6396086]]

Q-values after update: [[4.237153 3.6405365]]

Designated Priority: 1

Q-values before update: [[4.133048 3.9286213]]

Q-values after update: [[4.1441765 3.9305487]]

Designated Priority: 1

Q-values before update: [[4.014681 4.219073]]

Q-values after update: [[4.0244446 4.2233214]]

Designated Priority: 1

Q-values before update: [[4.0303617 3.7003622]]

Q-values after update: [[4.042484 3.7069273]]

Designated Priority: 1

Q-values before update: [[3.908911 3.9811819]]

Q-values after update: [[3.9209406 3.9902987]]

Designated Priority: 1

Q-values before update: [[3.91001 3.460252]]

Q-values after update: [[3.9244633 3.4710634]]

Designated Priority: 3

Q-values before update: [[3.7906017 3.7139413]]

Q-values after update: [[3.761274 3.6965086]]

Episode 69 out of total 100, Total Reward: 23.0, Epsilon: 0.75, Current State: [ 0.13704216 -0.1887269 -0.21045911 -0.25482404], Steps Taken: 23

Designated Priority: 1

Q-values before update: [[4.165998 4.72541 ]]

Q-values after update: [[4.1499195 4.718598 ]]

Designated Priority: 1

Q-values before update: [[4.3741226 4.4469385]]

Q-values after update: [[4.357923 4.4426403]]

Designated Priority: 1

Q-values before update: [[4.4575686 4.0221796]]

Q-values after update: [[4.446537 4.018226]]

Designated Priority: 1

Q-values before update: [[4.335143 4.391965]]

Q-values after update: [[4.324874 4.3932824]]

Designated Priority: 1

Q-values before update: [[4.4153066 3.957057 ]]

Q-values after update: [[4.4102936 3.958998 ]]

Designated Priority: 1

Q-values before update: [[4.292562 4.3194237]]

Q-values after update: [[4.287373 4.325559]]

Designated Priority: 1

Q-values before update: [[4.368443 3.8744247]]

Q-values after update: [[4.368478 3.8813848]]

Designated Priority: 1

Q-values before update: [[4.242922 4.2256975]]

Q-values after update: [[4.243785 4.233935]]

Designated Priority: 1

Q-values before update: [[4.116289 4.555676]]

Q-values after update: [[4.122814 4.5633063]]

Designated Priority: 1

Q-values before update: [[3.8166919 4.566485 ]]

Q-values after update: [[3.8225284 4.5740466]]

Designated Priority: 1

Q-values before update: [[4.0693045 4.4395785]]

Q-values after update: [[4.0734725 4.4498916]]

Designated Priority: 1

Q-values before update: [[4.117585 3.9890716]]

Q-values after update: [[4.1252093 4.0012383]]

Designated Priority: 1

Q-values before update: [[4.0101633 4.3206477]]

Q-values after update: [[4.0172186 4.333402 ]]

Designated Priority: 1

Q-values before update: [[4.0591784 3.8554916]]

Q-values after update: [[4.0695953 3.8696568]]

Designated Priority: 1

Q-values before update: [[3.9382458 4.1695 ]]

Q-values after update: [[3.9476993 4.1843634]]

Designated Priority: 1

Q-values before update: [[3.9940512 3.700555 ]]

Q-values after update: [[4.0069017 3.71673 ]]

Designated Priority: 1

Q-values before update: [[3.8578176 3.995459 ]]

Q-values after update: [[3.869472 4.0125556]]

Designated Priority: 1

Q-values before update: [[3.9198523 3.5204248]]

Q-values after update: [[3.934865 3.538728]]

Designated Priority: 1

Q-values before update: [[3.765338 3.7935748]]

Q-values after update: [[3.7790852 3.8131454]]

Designated Priority: 1

Q-values before update: [[3.829199 3.31305 ]]

Q-values after update: [[3.846175 3.3342438]]

Designated Priority: 1

Q-values before update: [[3.6629195 3.5655797]]

Q-values after update: [[3.6785502 3.5882158]]

Designated Priority: 3

Q-values before update: [[3.7240105 3.0892704]]

Q-values after update: [[3.6885555 3.0728304]]

Episode 70 out of total 100, Total Reward: 22.0, Epsilon: 0.75, Current State: [ 0.07289443 0.0783574 -0.22730066 -0.74319273], Steps Taken: 22

Designated Priority: 1

Q-values before update: [[3.993466 4.640465]]

Q-values after update: [[3.9804995 4.6393175]]

Designated Priority: 1

Q-values before update: [[4.1636877 4.4284554]]

Q-values after update: [[4.1482544 4.428147 ]]

Designated Priority: 1

Q-values before update: [[4.2561874 4.002228 ]]

Q-values after update: [[4.2412877 4.001225 ]]

Designated Priority: 1

Q-values before update: [[4.105067 4.35025 ]]

Q-values after update: [[4.0959086 4.354312 ]]

Designated Priority: 1

Q-values before update: [[4.18928 3.909796]]

Q-values after update: [[4.181432 3.9136171]]

Designated Priority: 1

Q-values before update: [[4.0416956 4.2492 ]]

Q-values after update: [[4.037738 4.2570033]]

Designated Priority: 1

Q-values before update: [[4.1139526 3.7960107]]

Q-values after update: [[4.111214 3.8043754]]

Designated Priority: 1

Q-values before update: [[3.9699483 4.121805 ]]

Q-values after update: [[3.970106 4.133164]]

Designated Priority: 1

Q-values before update: [[4.0283685 3.6564627]]

Q-values after update: [[4.030401 3.668674]]

Designated Priority: 1

Q-values before update: [[3.8864994 3.9643655]]

Q-values after update: [[3.8902535 3.9791093]]

Designated Priority: 1

Q-values before update: [[3.9303193 3.486277 ]]

Q-values after update: [[3.9365754 3.5021763]]

Designated Priority: 1

Q-values before update: [[3.7886333 3.7717385]]

Q-values after update: [[3.7975793 3.787749 ]]

Designated Priority: 1

Q-values before update: [[3.6657522 4.055013 ]]

Q-values after update: [[3.6769805 4.071224 ]]

Designated Priority: 1

Q-values before update: [[3.502169 4.1934185]]

Q-values after update: [[3.5108907 4.2061563]]

Designated Priority: 1

Q-values before update: [[3.5361562 3.8112311]]

Q-values after update: [[3.5471797 3.8289285]]

Designated Priority: 3

Q-values before update: [[3.565762 3.3047438]]

Q-values after update: [[3.534032 3.288646]]

Episode 71 out of total 100, Total Reward: 16.0, Epsilon: 0.75, Current State: [ 0.02101394 0.00412336 -0.21235359 -0.62462556], Steps Taken: 16

Designated Priority: 1

Q-values before update: [[3.983731 4.7739873]]

Q-values after update: [[3.970372 4.7724533]]

Designated Priority: 1

Q-values before update: [[4.172654 4.653685]]

Q-values after update: [[4.1576767 4.651973 ]]

Designated Priority: 1

Q-values before update: [[4.2649393 4.261826 ]]

Q-values after update: [[4.251983 4.260132]]

Designated Priority: 1

Q-values before update: [[4.162013 4.66576 ]]

Q-values after update: [[4.1538014 4.668352 ]]

Designated Priority: 1

Q-values before update: [[4.2477045 4.2625313]]

Q-values after update: [[4.2397366 4.267982 ]]

Designated Priority: 1

Q-values before update: [[4.2778354 3.853616 ]]

Q-values after update: [[4.272 3.860403]]

Designated Priority: 1

Q-values before update: [[4.2281513 4.2418976]]

Q-values after update: [[4.226 4.253045]]

Designated Priority: 1

Q-values before update: [[4.2481318 3.8161485]]

Q-values after update: [[4.249095 3.8290288]]

Designated Priority: 1

Q-values before update: [[4.194698 4.1847095]]

Q-values after update: [[4.199812 4.198301]]

Designated Priority: 1

Q-values before update: [[4.0956273 4.5449758]]

Q-values after update: [[4.104109 4.5590425]]

Designated Priority: 1

Q-values before update: [[3.9875944 4.811869 ]]

Q-values after update: [[3.9940088 4.8238564]]

Designated Priority: 1

Q-values before update: [[4.039517 4.4416947]]

Q-values after update: [[4.048119 4.4573846]]

Designated Priority: 1

Q-values before update: [[4.084008 3.9899015]]

Q-values after update: [[4.0958133 4.00823 ]]

Designated Priority: 1

Q-values before update: [[3.982722 4.319646]]

Q-values after update: [[3.9938676 4.3376403]]

Designated Priority: 1

Q-values before update: [[4.0150595 3.8575876]]

Q-values after update: [[4.0298257 3.8783123]]

Designated Priority: 1

Q-values before update: [[3.9092805 4.163641 ]]

Q-values after update: [[3.9228 4.184102]]

Designated Priority: 1

Q-values before update: [[3.9298368 3.6917171]]

Q-values after update: [[3.9473176 3.7149506]]

Designated Priority: 1

Q-values before update: [[3.817852 3.9704614]]

Q-values after update: [[3.83647 3.9926388]]

Designated Priority: 1

Q-values before update: [[3.7144263 4.257022 ]]

Q-values after update: [[3.7295644 4.276222 ]]

Designated Priority: 1

Q-values before update: [[3.7105012 3.7430143]]

Q-values after update: [[3.7290044 3.768103 ]]

Designated Priority: 3

Q-values before update: [[3.7066855 3.2562544]]

Q-values after update: [[3.6646447 3.23351 ]]

Episode 72 out of total 100, Total Reward: 21.0, Epsilon: 0.75, Current State: [ 0.12036426 0.17248663 -0.22434735 -0.8767882 ], Steps Taken: 21

Designated Priority: 1

Q-values before update: [[4.216345 5.190677]]

Q-values after update: [[4.2034974 5.1901603]]

Designated Priority: 1

Q-values before update: [[4.469513 5.176358]]

Q-values after update: [[4.455007 5.1759806]]

Designated Priority: 1

Q-values before update: [[4.5617385 4.802409 ]]

Q-values after update: [[4.5448494 4.8022614]]

Designated Priority: 1

Q-values before update: [[4.5847225 4.4119787]]

Q-values after update: [[4.5696325 4.412574 ]]

Designated Priority: 1

Q-values before update: [[4.546835 4.811379]]

Q-values after update: [[4.5376635 4.817366 ]]

Designated Priority: 1

Q-values before update: [[4.5600767 4.4023685]]

Q-values after update: [[4.553828 4.409762]]

Designated Priority: 1

Q-values before update: [[4.52385 4.7900023]]

Q-values after update: [[4.5209174 4.8009906]]

Designated Priority: 1

Q-values before update: [[4.527328 4.364868]]

Q-values after update: [[4.5270863 4.3816137]]

Designated Priority: 1

Q-values before update: [[4.522184 3.9370852]]

Q-values after update: [[4.526388 3.9568453]]

Designated Priority: 1

Q-values before update: [[4.482215 4.2943354]]

Q-values after update: [[4.4903727 4.314481 ]]

Designated Priority: 1

Q-values before update: [[4.433871 4.6348243]]

Q-values after update: [[4.4421844 4.655426 ]]

Designated Priority: 1

Q-values before update: [[4.4146214 4.178889 ]]

Q-values after update: [[4.4276547 4.202968 ]]

Designated Priority: 1

Q-values before update: [[4.3530264 4.493494 ]]

Q-values after update: [[4.365402 4.5177584]]

Designated Priority: 1

Q-values before update: [[4.3286448 4.0251493]]

Q-values after update: [[4.3460135 4.053143 ]]

Designated Priority: 1

Q-values before update: [[4.250301 4.3099647]]

Q-values after update: [[4.2687225 4.336692 ]]

Designated Priority: 1

Q-values before update: [[4.1667857 4.5912623]]

Q-values after update: [[4.181899 4.6151853]]

Designated Priority: 3

Q-values before update: [[4.1271057 4.087792 ]]

Q-values after update: [[4.0800657 4.0600023]]

Episode 73 out of total 100, Total Reward: 17.0, Epsilon: 0.75, Current State: [ 0.16969348 0.21715431 -0.20993112 -0.6426391 ], Steps Taken: 17

Designated Priority: 1

Q-values before update: [[4.1222796 5.2156615]]

Q-values after update: [[4.1031747 5.211267 ]]

Designated Priority: 1

Q-values before update: [[4.3206725 5.180087 ]]

Q-values after update: [[4.3036127 5.1755652]]

Designated Priority: 1

Q-values before update: [[4.090052 5.2083507]]

Q-values after update: [[4.079196 5.209417]]

Designated Priority: 1

Q-values before update: [[4.280402 5.1549864]]

Q-values after update: [[4.271977 5.1565356]]

Designated Priority: 1

Q-values before update: [[4.0708613 5.206702 ]]

Q-values after update: [[4.0667048 5.212175 ]]

Designated Priority: 1

Q-values before update: [[4.251291 5.132406]]

Q-values after update: [[4.246057 5.1382527]]

Designated Priority: 1

Q-values before update: [[4.2908535 4.723867 ]]

Q-values after update: [[4.2841573 4.7297072]]

Designated Priority: 1

Q-values before update: [[4.264802 4.2960734]]

Q-values after update: [[4.258999 4.3060403]]

Designated Priority: 1

Q-values before update: [[4.2275624 3.858396 ]]

Q-values after update: [[4.2257547 3.87099 ]]

Designated Priority: 1

Q-values before update: [[4.203597 4.2118664]]

Q-values after update: [[4.205463 4.2290125]]

Designated Priority: 1

Q-values before update: [[4.153059 3.7511973]]

Q-values after update: [[4.15986 3.7719176]]

Designated Priority: 1

Q-values before update: [[4.1141534 4.0733013]]

Q-values after update: [[4.1248827 4.094729 ]]

Designated Priority: 1

Q-values before update: [[4.0653043 4.3766227]]

Q-values after update: [[4.075228 4.397409]]

Designated Priority: 1

Q-values before update: [[3.9996822 3.885588 ]]

Q-values after update: [[4.015397 3.910928]]

Designated Priority: 1

Q-values before update: [[3.9323933 4.15605 ]]

Q-values after update: [[3.9499617 4.181018 ]]

Designated Priority: 1

Q-values before update: [[3.8548748 4.407997 ]]

Q-values after update: [[3.869444 4.430151]]

Designated Priority: 3

Q-values before update: [[3.7797036 3.8965404]]

Q-values after update: [[3.74505 3.8182697]]

Episode 74 out of total 100, Total Reward: 17.0, Epsilon: 0.75, Current State: [ 0.12212491 0.596382 -0.22661355 -1.2973862 ], Steps Taken: 17

Designated Priority: 1

Q-values before update: [[4.059175 5.2560906]]

Q-values after update: [[4.0509496 5.2315917]]

Designated Priority: 1

Q-values before update: [[4.2492623 5.206437 ]]

Q-values after update: [[4.2379236 5.1739902]]

Designated Priority: 1

Q-values before update: [[4.275306 4.7432013]]

Q-values after update: [[4.2617707 4.7065997]]

Designated Priority: 1

Q-values before update: [[4.2319684 4.2542214]]

Q-values after update: [[4.2188377 4.2209234]]

Designated Priority: 1

Q-values before update: [[4.1755137 3.7463727]]

Q-values after update: [[4.1665635 3.7154639]]

Designated Priority: 1

Q-values before update: [[4.145573 4.0697017]]

Q-values after update: [[4.143207 4.0484514]]

Designated Priority: 1

Q-values before update: [[4.11161 4.389612]]

Q-values after update: [[4.1108694 4.3757844]]

Designated Priority: 1

Q-values before update: [[4.0393844 3.8522928]]

Q-values after update: [[4.0434623 3.8412528]]

Designated Priority: 1

Q-values before update: [[3.9925177 4.1562133]]

Q-values after update: [[3.9971745 4.1509633]]

Designated Priority: 1

Q-values before update: [[3.9123363 3.5999444]]

Q-values after update: [[3.922083 3.6035533]]

Designated Priority: 1

Q-values before update: [[3.8358884 3.068406 ]]

Q-values after update: [[3.8523557 3.0769205]]

Designated Priority: 3

Q-values before update: [[3.755757 3.3023212]]

Q-values after update: [[3.6948967 3.2505677]]

Episode 75 out of total 100, Total Reward: 12.0, Epsilon: 0.75, Current State: [ 0.08315416 0.39429843 -0.21927005 -0.92628694], Steps Taken: 12

Designated Priority: 1

Q-values before update: [[4.0550814 5.1630282]]

Q-values after update: [[4.043919 5.1522136]]

Designated Priority: 1

Q-values before update: [[3.7887287 5.110615 ]]

Q-values after update: [[3.782625 5.1067486]]

Designated Priority: 1

Q-values before update: [[4.0432916 5.162313 ]]

Q-values after update: [[4.036702 5.159405]]

Designated Priority: 1

Q-values before update: [[4.213666 5.0941253]]

Q-values after update: [[4.2005997 5.087374 ]]

Designated Priority: 1

Q-values before update: [[4.214132 4.6266007]]

Q-values after update: [[4.1975193 4.6180687]]

Designated Priority: 1

Q-values before update: [[4.144382 4.1515884]]

Q-values after update: [[4.1272197 4.145883 ]]

Designated Priority: 1

Q-values before update: [[4.0595646 3.658173 ]]

Q-values after update: [[4.045637 3.654636]]

Designated Priority: 1

Q-values before update: [[4.091837 4.089198]]

Q-values after update: [[4.0874057 4.0919905]]

Designated Priority: 1

Q-values before update: [[4.1265106 4.516096 ]]

Q-values after update: [[4.1250095 4.5217404]]

Designated Priority: 1

Q-values before update: [[4.02427 3.9908583]]

Q-values after update: [[4.027153 3.9998345]]

Designated Priority: 1

Q-values before update: [[4.0509987 4.3978286]]

Q-values after update: [[4.059094 4.409959]]

Designated Priority: 1

Q-values before update: [[4.052988 4.81823 ]]

Q-values after update: [[4.0603833 4.830043 ]]

Designated Priority: 1

Q-values before update: [[3.9657502 4.256552 ]]

Q-values after update: [[3.9745243 4.271146 ]]

Designated Priority: 1

Q-values before update: [[3.84938 3.7027965]]

Q-values after update: [[3.8634245 3.721518 ]]

Designated Priority: 1

Q-values before update: [[3.8526964 4.065796 ]]

Q-values after update: [[3.8657722 4.084817 ]]

Designated Priority: 1

Q-values before update: [[3.727329 3.4942045]]

Q-values after update: [[3.746054 3.5177264]]

Designated Priority: 1

Q-values before update: [[3.7097027 3.8232882]]

Q-values after update: [[3.7269056 3.8470113]]

Designated Priority: 1

Q-values before update: [[3.5762146 3.2346385]]

Q-values after update: [[3.599305 3.263128]]

Designated Priority: 3

Q-values before update: [[3.533517 3.5245364]]

Q-values after update: [[3.4966338 3.5001206]]

Episode 76 out of total 100, Total Reward: 19.0, Epsilon: 0.75, Current State: [ 0.1380447 0.20584805 -0.22253361 -0.70308775], Steps Taken: 19

Designated Priority: 1

Q-values before update: [[4.1510444 5.3462863]]

Q-values after update: [[4.1385384 5.343843 ]]

Designated Priority: 1

Q-values before update: [[4.2678413 5.2271304]]

Q-values after update: [[4.2526603 5.222705 ]]

Designated Priority: 1

Q-values before update: [[4.207936 4.701749]]

Q-values after update: [[4.191006 4.6973505]]

Designated Priority: 1

Q-values before update: [[4.087275 4.1735425]]

Q-values after update: [[4.071055 4.172409]]

Designated Priority: 1

Q-values before update: [[3.9513633 3.6269093]]

Q-values after update: [[3.939719 3.629182]]

Designated Priority: 1

Q-values before update: [[3.9595964 4.0031867]]

Q-values after update: [[3.956295 4.010283]]

Designated Priority: 1

Q-values before update: [[3.9670296 4.3709283]]

Q-values after update: [[3.9654198 4.3790545]]

Designated Priority: 1

Q-values before update: [[3.8162956 3.7950478]]

Q-values after update: [[3.8176544 3.8092804]]

Designated Priority: 1

Q-values before update: [[3.6586843 3.2173462]]

Q-values after update: [[3.6665907 3.242938 ]]

Designated Priority: 1

Q-values before update: [[3.4970448 2.6564317]]

Q-values after update: [[3.5148957 2.6908748]]

Designated Priority: 3

Q-values before update: [[3.4584339 2.9234798]]

Q-values after update: [[3.413149 2.8448799]]

Episode 77 out of total 100, Total Reward: 11.0, Epsilon: 0.75, Current State: [ 0.10222705 1.0030594 -0.23167358 -1.7547075 ], Steps Taken: 11

Designated Priority: 1

Q-values before update: [[4.049674 5.32179 ]]

Q-values after update: [[4.042633 5.3096275]]

Designated Priority: 1

Q-values before update: [[4.1839743 5.2659826]]

Q-values after update: [[4.1731744 5.2471704]]

Designated Priority: 1

Q-values before update: [[4.137337 4.751011]]

Q-values after update: [[4.123657 4.7266865]]

Designated Priority: 1

Q-values before update: [[4.0253477 4.206641 ]]

Q-values after update: [[4.0107183 4.181752 ]]

Designated Priority: 1

Q-values before update: [[3.8895192 3.6364093]]

Q-values after update: [[3.877877 3.6177359]]

Designated Priority: 1

Q-values before update: [[3.7415473 3.058126 ]]

Q-values after update: [[3.7366183 3.0428455]]

Designated Priority: 1

Q-values before update: [[3.7838557 3.4494345]]

Q-values after update: [[3.7862387 3.4433022]]

Designated Priority: 1

Q-values before update: [[3.8245819 3.8511896]]

Q-values after update: [[3.8291323 3.8524868]]

Designated Priority: 1

Q-values before update: [[3.654522 3.2179015]]

Q-values after update: [[3.6654248 3.2232263]]

Designated Priority: 1

Q-values before update: [[3.6747959 3.5899577]]

Q-values after update: [[3.6890109 3.599396 ]]

Designated Priority: 1

Q-values before update: [[3.6861014 3.9513419]]

Q-values after update: [[3.6983798 3.9621875]]

Designated Priority: 1

Q-values before update: [[3.5044858 3.290448 ]]

Q-values after update: [[3.5235875 3.30606 ]]

Designated Priority: 1

Q-values before update: [[3.4920628 3.618187 ]]

Q-values after update: [[3.5124853 3.635742 ]]

Designated Priority: 3

Q-values before update: [[3.4854147 3.956855 ]]

Q-values after update: [[3.461908 3.884395]]

Episode 78 out of total 100, Total Reward: 14.0, Epsilon: 0.75, Current State: [ 0.12525928 0.39191958 -0.21972466 -0.9351449 ], Steps Taken: 14

Designated Priority: 1

Q-values before update: [[4.1138763 5.32899 ]]

Q-values after update: [[4.107744 5.299215]]

Designated Priority: 1

Q-values before update: [[4.238951 5.2083435]]

Q-values after update: [[4.2292895 5.1693697]]

Designated Priority: 1

Q-values before update: [[4.1901307 4.6338935]]

Q-values after update: [[4.1794724 4.5978127]]

Designated Priority: 1

Q-values before update: [[4.077639 4.052121]]

Q-values after update: [[4.0731573 4.0209346]]

Designated Priority: 1

Q-values before update: [[4.1482496 4.517493 ]]

Q-values after update: [[4.144747 4.4935675]]

Designated Priority: 1

Q-values before update: [[4.027386 3.9175086]]

Q-values after update: [[4.0301895 3.898552 ]]

Designated Priority: 1

Q-values before update: [[4.086466 4.370913]]

Q-values after update: [[4.0928874 4.3585434]]

Designated Priority: 1

Q-values before update: [[4.1193256 4.837713 ]]

Q-values after update: [[4.124816 4.8273554]]

Designated Priority: 1

Q-values before update: [[4.021445 4.2186317]]

Q-values after update: [[4.02888 4.213244]]

Designated Priority: 1

Q-values before update: [[3.8925493 3.5941107]]

Q-values after update: [[3.9060862 3.5935054]]

Designated Priority: 1

Q-values before update: [[3.923765 4.016499]]

Q-values after update: [[3.9354587 4.018927 ]]

Designated Priority: 1

Q-values before update: [[3.7878053 3.3752139]]

Q-values after update: [[3.8056278 3.382475 ]]

Designated Priority: 1

Q-values before update: [[3.796923 3.7689948]]

Q-values after update: [[3.8149166 3.7776134]]

Designated Priority: 1

Q-values before update: [[3.8122663 4.1618695]]

Q-values after update: [[3.8267846 4.1693273]]

Designated Priority: 1

Q-values before update: [[3.6574929 3.4998112]]

Q-values after update: [[3.6782203 3.5129168]]

Designated Priority: 1

Q-values before update: [[3.656031 3.8634272]]

Q-values after update: [[3.6730478 3.8758144]]

Designated Priority: 1

Q-values before update: [[3.4943457 3.1912775]]

Q-values after update: [[3.517632 3.208809]]

Designated Priority: 1

Q-values before update: [[3.463265 3.5219514]]

Q-values after update: [[3.4832146 3.53963 ]]

Designated Priority: 3

Q-values before update: [[3.303655 2.8373277]]

Q-values after update: [[3.2882016 2.784687 ]]

Episode 79 out of total 100, Total Reward: 19.0, Epsilon: 0.75, Current State: [ 0.107598 0.6229963 -0.22543375 -1.3510323 ], Steps Taken: 19

Designated Priority: 1

Q-values before update: [[4.150106 5.123217]]

Q-values after update: [[4.1494136 5.109 ]]

Designated Priority: 1

Q-values before update: [[4.2228928 4.8528953]]

Q-values after update: [[4.2196274 4.831739 ]]

Designated Priority: 1

Q-values before update: [[4.182126 4.2806053]]

Q-values after update: [[4.179288 4.2601247]]

Designated Priority: 1

Q-values before update: [[4.1000314 3.6886928]]

Q-values after update: [[4.101084 3.669588]]

Designated Priority: 1

Q-values before update: [[4.1303334 4.152715 ]]

Q-values after update: [[4.1334147 4.1428924]]

Designated Priority: 1

Q-values before update: [[4.0372157 3.5373757]]

Q-values after update: [[4.0447135 3.5296144]]

Designated Priority: 1

Q-values before update: [[4.0545526 3.9866536]]

Q-values after update: [[4.06275 3.9860413]]

Designated Priority: 1

Q-values before update: [[3.9518313 3.3496618]]

Q-values after update: [[3.9651437 3.351921 ]]

Designated Priority: 1

Q-values before update: [[3.9521794 3.777234 ]]

Q-values after update: [[3.9667056 3.78256 ]]

Designated Priority: 1

Q-values before update: [[3.9529057 4.2100697]]

Q-values after update: [[3.9649897 4.2174444]]

Designated Priority: 1

Q-values before update: [[3.839571 3.548598]]

Q-values after update: [[3.8570611 3.5588145]]

Designated Priority: 1

Q-values before update: [[3.8299341 3.9554434]]

Q-values after update: [[3.8449147 3.9672916]]

Designated Priority: 1

Q-values before update: [[3.70513 3.2824502]]

Q-values after update: [[3.7252963 3.2973998]]

Designated Priority: 1

Q-values before update: [[3.671443 3.6610625]]

Q-values after update: [[3.6891928 3.677745 ]]

Designated Priority: 1

Q-values before update: [[3.545393 2.9731305]]

Q-values after update: [[3.5687447 2.9933722]]

Designated Priority: 1

Q-values before update: [[3.483535 3.3177137]]

Q-values after update: [[3.5058532 3.337655 ]]

Designated Priority: 3

Q-values before update: [[3.4455523 3.6705003]]

Q-values after update: [[3.4318566 3.6173391]]

Episode 80 out of total 100, Total Reward: 17.0, Epsilon: 0.75, Current State: [ 0.0941117 0.22512767 -0.2120345 -0.81430274], Steps Taken: 17

Designated Priority: 1

Q-values before update: [[4.1876535 5.080132 ]]

Q-values after update: [[4.1842422 5.05521 ]]

Designated Priority: 1

Q-values before update: [[4.277887 4.79598 ]]

Q-values after update: [[4.2727914 4.7649145]]

Designated Priority: 1

Q-values before update: [[4.25646 4.1993184]]

Q-values after update: [[4.252829 4.175491]]

Designated Priority: 1

Q-values before update: [[4.1979704 3.5890052]]

Q-values after update: [[4.200488 3.5772545]]

Designated Priority: 1

Q-values before update: [[4.134196 2.9766932]]

Q-values after update: [[4.1440005 2.9715974]]

Designated Priority: 1

Q-values before update: [[4.1083198 3.3891718]]

Q-values after update: [[4.119013 3.3855953]]

Designated Priority: 1

Q-values before update: [[4.0781565 3.8086133]]

Q-values after update: [[4.0888395 3.8063707]]

Designated Priority: 1

Q-values before update: [[4.0535307 4.22562 ]]

Q-values after update: [[4.062466 4.224253]]

Designated Priority: 1

Q-values before update: [[3.9738598 3.5863667]]

Q-values after update: [[3.9877965 3.5903308]]

Designated Priority: 1

Q-values before update: [[3.937652 3.980973]]

Q-values after update: [[3.9490504 3.986093 ]]

Designated Priority: 1

Q-values before update: [[3.8511612 3.3328378]]

Q-values after update: [[3.8682303 3.3426368]]

Designated Priority: 1

Q-values before update: [[3.7923715 3.7043293]]

Q-values after update: [[3.8085313 3.7138457]]

Designated Priority: 1

Q-values before update: [[3.7495785 4.0976505]]

Q-values after update: [[3.7625487 4.1060195]]

Designated Priority: 1

Q-values before update: [[3.639311 3.4148178]]

Q-values after update: [[3.6575642 3.427924 ]]

Designated Priority: 1

Q-values before update: [[3.590139 3.7741933]]

Q-values after update: [[3.605396 3.7867565]]

Designated Priority: 1

Q-values before update: [[3.4757214 3.0968137]]

Q-values after update: [[3.4958792 3.1133687]]

Designated Priority: 1

Q-values before update: [[3.413678 3.41571 ]]

Q-values after update: [[3.4311378 3.4326644]]

Designated Priority: 3

Q-values before update: [[3.2929547 2.7427654]]

Q-values after update: [[3.2660496 2.7236857]]

Episode 81 out of total 100, Total Reward: 18.0, Epsilon: 0.75, Current State: [ 0.07712735 -0.00098587 -0.219238 -0.6102766 ], Steps Taken: 18

Designated Priority: 1

Q-values before update: [[4.4670477 5.2639513]]

Q-values after update: [[4.456571 5.2600007]]

Designated Priority: 1

Q-values before update: [[4.573304 4.9099994]]

Q-values after update: [[4.5616345 4.906116 ]]

Designated Priority: 1

Q-values before update: [[4.5666165 4.3605647]]

Q-values after update: [[4.556141 4.361743]]

Designated Priority: 1

Q-values before update: [[4.5301948 3.7922533]]

Q-values after update: [[4.522968 3.7956226]]

Designated Priority: 1

Q-values before update: [[4.4776583 4.230706 ]]

Q-values after update: [[4.4761806 4.2368326]]

Designated Priority: 1

Q-values before update: [[4.4381585 4.6780815]]

Q-values after update: [[4.4382415 4.686487 ]]

Designated Priority: 1

Q-values before update: [[4.3915987 4.0934553]]

Q-values after update: [[4.3955994 4.1043377]]

Designated Priority: 1

Q-values before update: [[4.3551908 4.523715 ]]

Q-values after update: [[4.3595853 4.536283 ]]

Designated Priority: 1

Q-values before update: [[4.2946687 3.9288964]]

Q-values after update: [[4.303252 3.9440136]]

Designated Priority: 1

Q-values before update: [[4.252351 4.3400135]]

Q-values after update: [[4.263541 4.3556995]]

Designated Priority: 1

Q-values before update: [[4.2164702 4.789184 ]]

Q-values after update: [[4.225288 4.8032517]]

Designated Priority: 1

Q-values before update: [[4.144509 4.155858]]

Q-values after update: [[4.156419 4.174461]]

Designated Priority: 1

Q-values before update: [[4.081138 3.5422723]]

Q-values after update: [[4.0971217 3.5637734]]

Designated Priority: 1

Q-values before update: [[4.0092916 3.9155493]]

Q-values after update: [[4.0246606 3.9384272]]

Designated Priority: 1

Q-values before update: [[3.9416153 3.2852592]]

Q-values after update: [[3.9616308 3.311465 ]]

Designated Priority: 1

Q-values before update: [[3.8487823 3.6275997]]

Q-values after update: [[3.8687303 3.6522279]]

Designated Priority: 1

Q-values before update: [[3.787566 3.97228 ]]

Q-values after update: [[3.8041697 3.9959884]]

Designated Priority: 1

Q-values before update: [[3.678327 3.319071]]

Q-values after update: [[3.700629 3.3507583]]

Designated Priority: 3

Q-values before update: [[3.614209 2.675652]]

Q-values after update: [[3.5611234 2.6490443]]

Episode 82 out of total 100, Total Reward: 19.0, Epsilon: 0.75, Current State: [ 0.14634766 0.24013935 -0.21814524 -0.84621435], Steps Taken: 19

Designated Priority: 1

Q-values before update: [[4.5322022 5.413058 ]]

Q-values after update: [[4.52422 5.412163]]

Designated Priority: 1

Q-values before update: [[4.2565 5.372551]]

Q-values after update: [[4.2531424 5.377098 ]]

Designated Priority: 1

Q-values before update: [[4.5298834 5.4345617]]

Q-values after update: [[4.5326366 5.4397416]]

Designated Priority: 1

Q-values before update: [[4.267859 5.4058456]]

Q-values after update: [[4.273472 5.415638]]

Designated Priority: 1

Q-values before update: [[4.551417 5.474065]]

Q-values after update: [[4.5561914 5.4844513]]

Designated Priority: 1

Q-values before update: [[4.7005353 5.3085155]]

Q-values after update: [[4.697593 5.3175526]]

Designated Priority: 1

Q-values before update: [[4.70373 4.80429]]

Q-values after update: [[4.698605 4.814987]]

Designated Priority: 1

Q-values before update: [[4.6600647 4.27764 ]]

Q-values after update: [[4.656387 4.2952366]]

Designated Priority: 1

Q-values before update: [[4.5981007 3.728231 ]]

Q-values after update: [[4.598379 3.7484322]]

Designated Priority: 1

Q-values before update: [[4.591198 4.194466]]

Q-values after update: [[4.5974984 4.2159758]]

Designated Priority: 1

Q-values before update: [[4.588892 4.6590457]]

Q-values after update: [[4.597185 4.682395]]

Designated Priority: 1

Q-values before update: [[4.516374 4.086131]]

Q-values after update: [[4.5283246 4.1121645]]

Designated Priority: 1

Q-values before update: [[4.5022864 4.524065 ]]

Q-values after update: [[4.5148606 4.551094 ]]

Designated Priority: 1

Q-values before update: [[4.4198294 3.9331627]]

Q-values after update: [[4.436822 3.9635358]]

Designated Priority: 1

Q-values before update: [[4.389755 4.3400683]]

Q-values after update: [[4.408635 4.3691216]]

Designated Priority: 1

Q-values before update: [[4.3936896 4.7512946]]

Q-values after update: [[4.409641 4.7773085]]

Designated Priority: 1

Q-values before update: [[4.2733927 4.1399045]]

Q-values after update: [[4.2950544 4.170286 ]]

Designated Priority: 1

Q-values before update: [[4.2600927 4.520668 ]]

Q-values after update: [[4.2828083 4.5495687]]

Designated Priority: 1

Q-values before update: [[4.241281 4.9382267]]

Q-values after update: [[4.2596216 4.9633517]]

Designated Priority: 1

Q-values before update: [[4.1208024 4.286473 ]]

Q-values after update: [[4.142264 4.315694]]

Designated Priority: 1

Q-values before update: [[4.0065837 3.660948 ]]

Q-values after update: [[4.0329905 3.6942575]]

Designated Priority: 1

Q-values before update: [[3.945006 3.9849164]]

Q-values after update: [[3.9690063 4.0171885]]

Designated Priority: 1

Q-values before update: [[3.828518 3.3424747]]

Q-values after update: [[3.857852 3.379116]]

Designated Priority: 3

Q-values before update: [[3.736442 3.6285858]]

Q-values after update: [[3.7007365 3.6080613]]

Episode 83 out of total 100, Total Reward: 24.0, Epsilon: 0.75, Current State: [ 0.17475383 0.04845013 -0.2199584 -0.5106142 ], Steps Taken: 24

Designated Priority: 1

Q-values before update: [[4.5003877 5.5324717]]

Q-values after update: [[4.485359 5.5299788]]

Designated Priority: 1

Q-values before update: [[4.5560865 5.316295 ]]

Q-values after update: [[4.5397124 5.312967 ]]

Designated Priority: 1

Q-values before update: [[4.507145 4.778059]]

Q-values after update: [[4.4905834 4.776899 ]]

Designated Priority: 1

Q-values before update: [[4.422122 4.2090173]]

Q-values after update: [[4.4093976 4.2105303]]

Designated Priority: 1

Q-values before update: [[4.3707857 4.5959606]]

Q-values after update: [[4.362528 4.601541]]

Designated Priority: 1

Q-values before update: [[4.2732964 4.0047903]]

Q-values after update: [[4.269435 4.0136056]]

Designated Priority: 1

Q-values before update: [[4.21263 4.3661013]]

Q-values after update: [[4.211422 4.377782]]

Designated Priority: 1

Q-values before update: [[4.1035366 3.753442 ]]

Q-values after update: [[4.1070814 3.768749 ]]

Designated Priority: 1

Q-values before update: [[4.0275145 4.0827355]]

Q-values after update: [[4.032526 4.100335]]

Designated Priority: 1

Q-values before update: [[3.9073863 3.4489887]]

Q-values after update: [[3.918849 3.478559]]

Designated Priority: 1

Q-values before update: [[3.7772536 2.807146 ]]

Q-values after update: [[3.8006988 2.857026 ]]

Designated Priority: 3

Q-values before update: [[3.6489592 2.2570298]]

Q-values after update: [[3.5490248 2.204764 ]]

Episode 84 out of total 100, Total Reward: 12.0, Epsilon: 0.75, Current State: [ 0.1325201 0.7547369 -0.23300363 -1.5184299 ], Steps Taken: 12

Designated Priority: 1

Q-values before update: [[4.6145015 5.7602334]]

Q-values after update: [[4.596344 5.759952]]

Designated Priority: 1

Q-values before update: [[4.6762457 5.5917735]]

Q-values after update: [[4.653582 5.5890784]]

Designated Priority: 1

Q-values before update: [[4.6000934 5.0609083]]

Q-values after update: [[4.5714912 5.0552516]]

Designated Priority: 1

Q-values before update: [[4.465125 4.4887853]]

Q-values after update: [[4.4330854 4.4850426]]

Designated Priority: 1

Q-values before update: [[4.298783 3.8812456]]

Q-values after update: [[4.268317 3.8789406]]

Designated Priority: 1

Q-values before update: [[4.2698536 4.2616158]]

Q-values after update: [[4.254302 4.267324]]

Designated Priority: 1

Q-values before update: [[4.257725 4.646805]]

Q-values after update: [[4.2489796 4.655697 ]]

Designated Priority: 1

Q-values before update: [[4.0738935 4.0103264]]

Q-values after update: [[4.06832 4.022646]]

Designated Priority: 1

Q-values before update: [[4.0547 4.367789]]

Q-values after update: [[4.053372 4.3819575]]

Designated Priority: 1

Q-values before update: [[3.8528585 3.7050662]]

Q-values after update: [[3.8556752 3.7234287]]

Designated Priority: 1

Q-values before update: [[3.8185995 4.027507 ]]

Q-values after update: [[3.8239074 4.047075 ]]

Designated Priority: 1

Q-values before update: [[3.6001163 3.3392503]]

Q-values after update: [[3.610184 3.3634968]]

Designated Priority: 3

Q-values before update: [[3.5434422 3.619262 ]]

Q-values after update: [[3.490649 3.5836399]]

Episode 85 out of total 100, Total Reward: 13.0, Epsilon: 0.75, Current State: [ 0.12448896 0.23612677 -0.2141389 -0.6701694 ], Steps Taken: 13

Designated Priority: 1

Q-values before update: [[4.3996553 5.744028 ]]

Q-values after update: [[4.380931 5.7401705]]

Designated Priority: 1

Q-values before update: [[4.5248966 5.7509785]]

Q-values after update: [[4.5048184 5.745908 ]]

Designated Priority: 1

Q-values before update: [[4.446228 5.2535157]]

Q-values after update: [[4.422453 5.245758]]

Designated Priority: 1

Q-values before update: [[4.2856393 4.702765 ]]

Q-values after update: [[4.2601576 4.6948957]]

Designated Priority: 1

Q-values before update: [[4.098958 4.112733]]

Q-values after update: [[4.0797224 4.1098704]]

Designated Priority: 1

Q-values before update: [[4.1628838 4.5661535]]

Q-values after update: [[4.1495185 4.567593 ]]

Designated Priority: 1

Q-values before update: [[3.956812 3.944124]]

Q-values after update: [[3.9504678 3.951445 ]]

Designated Priority: 1

Q-values before update: [[4.0108314 4.3690405]]

Q-values after update: [[4.0073204 4.378287 ]]

Designated Priority: 1

Q-values before update: [[3.7871995 3.7171888]]

Q-values after update: [[3.7913074 3.7330112]]

Designated Priority: 1

Q-values before update: [[3.8229914 4.1054 ]]

Q-values after update: [[3.827828 4.1217294]]

Designated Priority: 1

Q-values before update: [[3.583282 3.4254665]]

Q-values after update: [[3.5960934 3.448833 ]]

Designated Priority: 1

Q-values before update: [[3.5935187 3.7692878]]

Q-values after update: [[3.6057875 3.7926295]]

Designated Priority: 1

Q-values before update: [[3.338881 3.0627148]]

Q-values after update: [[3.3591504 3.093245 ]]

Designated Priority: 1

Q-values before update: [[3.316777 3.3545175]]

Q-values after update: [[3.3360527 3.3854172]]

Designated Priority: 3

Q-values before update: [[3.0481117 2.6227205]]

Q-values after update: [[3.0073423 2.5423732]]

Episode 86 out of total 100, Total Reward: 15.0, Epsilon: 0.75, Current State: [ 0.1728189 0.9438157 -0.23477449 -1.7463821 ], Steps Taken: 15

Designated Priority: 1

Q-values before update: [[4.32464 5.733768]]

Q-values after update: [[4.3195524 5.722452 ]]

Designated Priority: 1

Q-values before update: [[4.371486 5.598331]]

Q-values after update: [[4.3687057 5.582014 ]]

Designated Priority: 1

Q-values before update: [[4.2908854 5.68109 ]]

Q-values after update: [[4.293029 5.6778913]]

Designated Priority: 1

Q-values before update: [[4.314809 5.484383]]

Q-values after update: [[4.3137007 5.4747496]]

Designated Priority: 1

Q-values before update: [[4.156226 4.8580794]]

Q-values after update: [[4.152516 4.844667]]

Designated Priority: 1

Q-values before update: [[3.9358141 4.184241 ]]

Q-values after update: [[3.931812 4.170273]]

Designated Priority: 1

Q-values before update: [[3.6913593 3.4620736]]

Q-values after update: [[3.6932657 3.451412 ]]

Designated Priority: 1

Q-values before update: [[3.7330697 3.8532174]]

Q-values after update: [[3.7377472 3.851097 ]]

Designated Priority: 1

Q-values before update: [[3.4671938 3.092827 ]]

Q-values after update: [[3.4781506 3.094792 ]]

Designated Priority: 1

Q-values before update: [[3.4820845 3.4459243]]

Q-values after update: [[3.4945452 3.4549847]]

Designated Priority: 1

Q-values before update: [[3.1977136 2.6560097]]

Q-values after update: [[3.2184622 2.6788135]]

Designated Priority: 3

Q-values before update: [[2.886996 1.9347509]]

Q-values after update: [[2.818991 1.8845747]]

Episode 87 out of total 100, Total Reward: 12.0, Epsilon: 0.75, Current State: [ 0.07234611 0.7864845 -0.22561821 -1.4922233 ], Steps Taken: 12

Designated Priority: 1

Q-values before update: [[4.4907417 5.87717 ]]

Q-values after update: [[4.4820657 5.8757005]]

Designated Priority: 1

Q-values before update: [[4.464248 5.6259685]]

Q-values after update: [[4.450842 5.618648]]

Designated Priority: 1

Q-values before update: [[4.2557855 4.95467 ]]

Q-values after update: [[4.2370353 4.9427376]]

Designated Priority: 1

Q-values before update: [[3.9832616 4.2304893]]

Q-values after update: [[3.961477 4.2172947]]

Designated Priority: 1

Q-values before update: [[3.6769874 3.4573905]]

Q-values after update: [[3.6595612 3.4475925]]

Designated Priority: 1

Q-values before update: [[3.7300775 3.8784974]]

Q-values after update: [[3.720012 3.8769982]]

Designated Priority: 1

Q-values before update: [[3.397935 3.066374]]

Q-values after update: [[3.3930323 3.0692146]]

Designated Priority: 1

Q-values before update: [[3.4322093 3.4494948]]

Q-values after update: [[3.4322567 3.4588091]]

Designated Priority: 1

Q-values before update: [[3.0770469 2.6049278]]

Q-values after update: [[3.0836418 2.6193523]]

Designated Priority: 3

Q-values before update: [[3.0825837 2.93523 ]]

Q-values after update: [[3.0213764 2.8854918]]

Episode 88 out of total 100, Total Reward: 10.0, Epsilon: 0.75, Current State: [ 0.09205969 0.42838514 -0.21582195 -0.8882586 ], Steps Taken: 10

Designated Priority: 1

Q-values before update: [[4.319371 5.7820067]]

Q-values after update: [[4.303317 5.776892]]

Designated Priority: 1

Q-values before update: [[4.3047123 5.5857735]]

Q-values after update: [[4.2838655 5.574069 ]]

Designated Priority: 1

Q-values before update: [[4.0597644 4.887899 ]]

Q-values after update: [[4.033786 4.871904]]

Designated Priority: 1

Q-values before update: [[3.7375183 4.1364512]]

Q-values after update: [[3.7082074 4.118294 ]]

Designated Priority: 1

Q-values before update: [[3.3792825 3.3304517]]

Q-values after update: [[3.356186 3.3177266]]

Designated Priority: 1

Q-values before update: [[3.486619 3.8052592]]

Q-values after update: [[3.4704201 3.798742 ]]

Designated Priority: 1

Q-values before update: [[3.1021643 2.9591527]]

Q-values after update: [[3.0930638 2.959031 ]]

Designated Priority: 1

Q-values before update: [[3.1917892 3.396039 ]]

Q-values after update: [[3.1935709 3.4046419]]

Designated Priority: 1

Q-values before update: [[3.2893207 3.831009 ]]

Q-values after update: [[3.2912836 3.8388326]]

Designated Priority: 1

Q-values before update: [[2.89178 2.9638147]]

Q-values after update: [[2.896063 2.976278]]

Designated Priority: 3

Q-values before update: [[2.4712822 2.0715594]]

Q-values after update: [[2.412102 2.0253267]]

Episode 89 out of total 100, Total Reward: 11.0, Epsilon: 0.75, Current State: [ 0.08026473 0.5800274 -0.21051838 -1.1811901 ], Steps Taken: 11

Designated Priority: 1

Q-values before update: [[4.3885446 5.9923615]]

Q-values after update: [[4.377864 5.991625]]

Designated Priority: 1

Q-values before update: [[4.449453 5.9414124]]

Q-values after update: [[4.4354014 5.9363146]]

Designated Priority: 1

Q-values before update: [[4.2267556 5.2906404]]

Q-values after update: [[4.2082877 5.28201 ]]

Designated Priority: 1

Q-values before update: [[3.9148908 4.5808125]]

Q-values after update: [[3.893177 4.570026]]

Designated Priority: 1

Q-values before update: [[3.5671191 3.821135 ]]

Q-values after update: [[3.5539622 3.8181465]]

Designated Priority: 1

Q-values before update: [[3.7836597 4.419507 ]]

Q-values after update: [[3.7752638 4.4200726]]

Designated Priority: 1

Q-values before update: [[3.413973 3.625146]]

Q-values after update: [[3.4058774 3.6279774]]

Designated Priority: 1

Q-values before update: [[3.0103834 2.7850947]]

Q-values after update: [[3.0124772 2.7973566]]

Designated Priority: 1

Q-values before update: [[3.1799557 3.3031805]]

Q-values after update: [[3.184574 3.318493]]

Designated Priority: 1

Q-values before update: [[2.7513666 2.4235044]]

Q-values after update: [[2.7664418 2.4486325]]

Designated Priority: 1

Q-values before update: [[2.8881793 2.8876302]]

Q-values after update: [[2.9107394 2.9180007]]

Designated Priority: 1

Q-values before update: [[3.0229263 3.3446603]]

Q-values after update: [[3.0416086 3.370717 ]]

Designated Priority: 1

Q-values before update: [[2.5815601 2.4364681]]

Q-values after update: [[2.6114259 2.4732604]]

Designated Priority: 3

Q-values before update: [[2.6759987 2.832915 ]]

Q-values after update: [[2.6411164 2.7563798]]

Episode 90 out of total 100, Total Reward: 14.0, Epsilon: 0.75, Current State: [ 0.18378972 0.76735675 -0.21592672 -1.3673629 ], Steps Taken: 14

Designated Priority: 1

Q-values before update: [[4.409913 6.0749764]]

Q-values after update: [[4.405616 6.059312]]

Designated Priority: 1

Q-values before update: [[4.4733562 6.007107 ]]

Q-values after update: [[4.465048 5.9844594]]

Designated Priority: 1

Q-values before update: [[4.23654 5.3134503]]

Q-values after update: [[4.2251496 5.2848744]]

Designated Priority: 1

Q-values before update: [[3.913277 4.5543785]]

Q-values after update: [[3.9008708 4.5233135]]

Designated Priority: 1

Q-values before update: [[3.558064 3.741474]]

Q-values after update: [[3.5467455 3.7122324]]

Designated Priority: 1

Q-values before update: [[3.1686225 2.8761067]]

Q-values after update: [[3.1635752 2.8581479]]

Designated Priority: 1

Q-values before update: [[2.7321558 2.036801 ]]

Q-values after update: [[2.739701 2.0359218]]

Designated Priority: 1

Q-values before update: [[2.9109027 2.4679065]]

Q-values after update: [[2.9280474 2.4737728]]

Designated Priority: 1

Q-values before update: [[3.0718353 2.9647887]]

Q-values after update: [[3.088768 2.975904]]

Designated Priority: 1

Q-values before update: [[2.6302345 2.0469656]]

Q-values after update: [[2.659669 2.0698428]]

Designated Priority: 1

Q-values before update: [[2.7529423 2.4600933]]

Q-values after update: [[2.784435 2.485827]]

Designated Priority: 1

Q-values before update: [[2.8635144 2.8928819]]

Q-values after update: [[2.89628 2.9206705]]

Designated Priority: 3

Q-values before update: [[2.975457 3.3249056]]

Q-values after update: [[2.943873 3.2415106]]

Episode 91 out of total 100, Total Reward: 13.0, Epsilon: 0.75, Current State: [ 0.16801165 0.5878671 -0.21038337 -1.072368 ], Steps Taken: 13

Designated Priority: 1

Q-values before update: [[4.464738 6.018541]]

Q-values after update: [[4.4584045 5.9909453]]

Designated Priority: 1

Q-values before update: [[4.4506903 5.7504973]]

Q-values after update: [[4.438995 5.7112284]]

Designated Priority: 1

Q-values before update: [[4.184856 4.9774494]]

Q-values after update: [[4.1727533 4.9362226]]

Designated Priority: 1

Q-values before update: [[3.8580778 4.1563826]]

Q-values after update: [[3.8473942 4.1168633]]

Designated Priority: 1

Q-values before update: [[3.5008059 3.2854362]]

Q-values after update: [[3.500138 3.2543547]]

Designated Priority: 1

Q-values before update: [[3.698464 3.863278]]

Q-values after update: [[3.698622 3.8406763]]

Designated Priority: 1

Q-values before update: [[3.3223965 2.957426 ]]

Q-values after update: [[3.3322654 2.943133 ]]

Designated Priority: 1

Q-values before update: [[3.4932914 3.5034668]]

Q-values after update: [[3.5024576 3.4955058]]

Designated Priority: 1

Q-values before update: [[3.1007833 2.5696359]]

Q-values after update: [[3.120391 2.5713532]]

Designated Priority: 1

Q-values before update: [[3.2375252 3.0690525]]

Q-values after update: [[3.259347 3.075062]]

Designated Priority: 1

Q-values before update: [[3.3733428 3.576483 ]]

Q-values after update: [[3.3964853 3.5863218]]

Designated Priority: 1

Q-values before update: [[3.538961 4.108817]]

Q-values after update: [[3.5625317 4.122134 ]]

Designated Priority: 1

Q-values before update: [[3.7038336 4.676753 ]]

Q-values after update: [[3.7205815 4.685592 ]]

Designated Priority: 1

Q-values before update: [[3.3085253 3.726853 ]]

Q-values after update: [[3.3289871 3.7388291]]

Designated Priority: 1

Q-values before update: [[2.9149618 2.7790413]]

Q-values after update: [[2.9451518 2.7994514]]

Designated Priority: 1

Q-values before update: [[3.0082877 3.234908 ]]

Q-values after update: [[3.0324845 3.2524867]]

Designated Priority: 3

Q-values before update: [[2.612799 2.2697458]]

Q-values after update: [[2.5913472 2.2451334]]

Episode 92 out of total 100, Total Reward: 17.0, Epsilon: 0.75, Current State: [ 0.1359252 0.25912964 -0.21391425 -0.7439709 ], Steps Taken: 17

Designated Priority: 1

Q-values before update: [[4.432954 5.8118296]]

Q-values after update: [[4.428612 5.808191]]

Designated Priority: 1

Q-values before update: [[4.374726 5.459512]]

Q-values after update: [[4.368229 5.452707]]

Designated Priority: 1

Q-values before update: [[4.1295967 4.687452 ]]

Q-values after update: [[4.121853 4.679925]]

Designated Priority: 1

Q-values before update: [[3.8216376 3.8740838]]

Q-values after update: [[3.821047 3.8728511]]

Designated Priority: 1

Q-values before update: [[3.9945772 4.4834905]]

Q-values after update: [[3.9948018 4.483734 ]]

Designated Priority: 1

Q-values before update: [[3.671456 3.6431916]]

Q-values after update: [[3.679302 3.6502335]]

Designated Priority: 1

Q-values before update: [[3.8282812 4.224271 ]]

Q-values after update: [[3.8350878 4.2312775]]

Designated Priority: 1

Q-values before update: [[3.490991 3.3580182]]

Q-values after update: [[3.5057142 3.3721478]]

Designated Priority: 1

Q-values before update: [[3.6253397 3.9036238]]

Q-values after update: [[3.6440709 3.9213233]]

Designated Priority: 1

Q-values before update: [[3.7825267 4.469594 ]]

Q-values after update: [[3.7966247 4.4836655]]

Designated Priority: 1

Q-values before update: [[3.434979 3.5926075]]

Q-values after update: [[3.4524477 3.6110775]]

Designated Priority: 1

Q-values before update: [[3.0784333 2.6858487]]

Q-values after update: [[3.1023827 2.7154121]]

Designated Priority: 1

Q-values before update: [[2.6610413 1.8535495]]

Q-values after update: [[2.6971557 1.8898113]]

Designated Priority: 1

Q-values before update: [[2.7437954 2.1708567]]

Q-values after update: [[2.7789524 2.2077413]]

Designated Priority: 3

Q-values before update: [[2.778274 2.5553608]]

Q-values after update: [[2.7555044 2.5396218]]

Episode 93 out of total 100, Total Reward: 15.0, Epsilon: 0.75, Current State: [ 0.13359824 0.21559015 -0.21515332 -0.666264 ], Steps Taken: 15

Designated Priority: 1

Q-values before update: [[4.7139006 6.1128874]]

Q-values after update: [[4.7131314 6.113975 ]]

Designated Priority: 1

Q-values before update: [[4.5193667 6.1390057]]

Q-values after update: [[4.5209084 6.144965 ]]

Designated Priority: 1

Q-values before update: [[4.753044 6.1718574]]

Q-values after update: [[4.7554274 6.1805954]]

Designated Priority: 1

Q-values before update: [[4.826204 6.0587225]]

Q-values after update: [[4.8345947 6.070569 ]]

Designated Priority: 1

Q-values before update: [[4.784182 6.231874]]

Q-values after update: [[4.803979 6.2466702]]

Designated Priority: 1

Q-values before update: [[4.603086 6.277692]]

Q-values after update: [[4.6224985 6.295859 ]]

Designated Priority: 1

Q-values before update: [[4.8642845 6.3257995]]

Q-values after update: [[4.883658 6.3463464]]

Designated Priority: 1

Q-values before update: [[4.9981837 6.3100195]]

Q-values after update: [[5.012065 6.329873]]

Designated Priority: 1

Q-values before update: [[4.8468785 5.661006 ]]

Q-values after update: [[4.858661 5.68038 ]]

Designated Priority: 1

Q-values before update: [[4.6063085 4.951738 ]]

Q-values after update: [[4.62622 4.977784]]

Designated Priority: 1

Q-values before update: [[4.8312263 5.632788 ]]

Q-values after update: [[4.848916 5.6565704]]

Designated Priority: 1

Q-values before update: [[4.580882 4.9039097]]

Q-values after update: [[4.599042 4.929421]]

Designated Priority: 1

Q-values before update: [[4.3009086 4.131101 ]]

Q-values after update: [[4.327812 4.1641164]]

Designated Priority: 1

Q-values before update: [[4.476368 4.7351775]]

Q-values after update: [[4.5000167 4.765904 ]]

Designated Priority: 1

Q-values before update: [[4.180804 3.933905]]

Q-values after update: [[4.2134748 3.97253 ]]

Designated Priority: 1

Q-values before update: [[4.328377 4.495297]]

Q-values after update: [[4.3566713 4.5309124]]

Designated Priority: 1

Q-values before update: [[4.018633 3.6673756]]

Q-values after update: [[4.05595 3.7110171]]

Designated Priority: 1

Q-values before update: [[4.1327834 4.179617 ]]

Q-values after update: [[4.1653066 4.220348 ]]

Designated Priority: 1

Q-values before update: [[3.8097064 3.3262856]]

Q-values after update: [[3.8517778 3.3756528]]

Designated Priority: 1

Q-values before update: [[3.885959 3.7835705]]

Q-values after update: [[3.9273927 3.8305917]]

Designated Priority: 1

Q-values before update: [[3.9738224 4.2476053]]

Q-values after update: [[4.007608 4.287559]]

Designated Priority: 1

Q-values before update: [[3.639708 3.3784978]]

Q-values after update: [[3.6832628 3.4274702]]

Designated Priority: 1

Q-values before update: [[3.6863728 3.7865431]]

Q-values after update: [[3.7231894 3.8302805]]

Designated Priority: 3

Q-values before update: [[3.3471415 2.9000247]]

Q-values after update: [[3.2961845 2.861881 ]]

Episode 94 out of total 100, Total Reward: 24.0, Epsilon: 0.75, Current State: [ 0.20638743 0.44954455 -0.21214448 -0.80435294], Steps Taken: 24

Designated Priority: 1

Q-values before update: [[4.863551 6.3540463]]

Q-values after update: [[4.853701 6.3546033]]

Designated Priority: 1

Q-values before update: [[4.9427147 6.2530227]]

Q-values after update: [[4.9298906 6.249881 ]]

Designated Priority: 1

Q-values before update: [[4.755922 5.5870094]]

Q-values after update: [[4.739086 5.5815578]]

Designated Priority: 1

Q-values before update: [[4.4974513 4.8680315]]

Q-values after update: [[4.478469 4.8620415]]

Designated Priority: 1

Q-values before update: [[4.198245 4.094384]]

Q-values after update: [[4.186641 4.0948877]]

Designated Priority: 1

Q-values before update: [[4.3159237 4.633313 ]]

Q-values after update: [[4.309073 4.637845]]

Designated Priority: 1

Q-values before update: [[3.9940794 3.8230345]]

Q-values after update: [[3.9952214 3.8347929]]

Designated Priority: 1

Q-values before update: [[4.096044 4.3272114]]

Q-values after update: [[4.099083 4.3407545]]

Designated Priority: 1

Q-values before update: [[3.7533848 3.4825509]]

Q-values after update: [[3.764732 3.5037532]]

Designated Priority: 1

Q-values before update: [[3.8303406 3.942163 ]]

Q-values after update: [[3.841817 3.964093]]

Designated Priority: 1

Q-values before update: [[3.4681776 3.064818 ]]

Q-values after update: [[3.4872477 3.100577 ]]

Designated Priority: 1

Q-values before update: [[3.047777 2.2363057]]

Q-values after update: [[3.0816538 2.2774115]]

Designated Priority: 1

Q-values before update: [[3.0803747 2.5003567]]

Q-values after update: [[3.1134796 2.5454943]]

Designated Priority: 3

Q-values before update: [[3.0762572 2.8252206]]

Q-values after update: [[3.026246 2.7897274]]

Episode 95 out of total 100, Total Reward: 14.0, Epsilon: 0.75, Current State: [ 0.17977108 0.40219668 -0.21506555 -0.819616 ], Steps Taken: 14

Designated Priority: 1

Q-values before update: [[4.8540015 6.4392433]]

Q-values after update: [[4.8415155 6.4390035]]

Designated Priority: 1

Q-values before update: [[4.9399943 6.3863087]]

Q-values after update: [[4.9256997 6.383753 ]]

Designated Priority: 1

Q-values before update: [[4.729589 5.7151866]]

Q-values after update: [[4.711927 5.710049]]

Designated Priority: 1

Q-values before update: [[4.4378705 4.983154 ]]

Q-values after update: [[4.417909 4.9770584]]

Designated Priority: 1

Q-values before update: [[4.1054296 4.193041 ]]

Q-values after update: [[4.086764 4.1914372]]

Designated Priority: 1

Q-values before update: [[3.7301488 3.3456368]]

Q-values after update: [[3.7204885 3.3522763]]

Designated Priority: 1

Q-values before update: [[3.8101604 3.801467 ]]

Q-values after update: [[3.8062875 3.8144405]]

Designated Priority: 1

Q-values before update: [[3.407674 2.91171 ]]

Q-values after update: [[3.4137661 2.9333441]]

Designated Priority: 1

Q-values before update: [[3.4582832 3.3129115]]

Q-values after update: [[3.4723394 3.3395684]]

Designated Priority: 1

Q-values before update: [[3.5157707 3.7171738]]

Q-values after update: [[3.5281878 3.7415051]]

Designated Priority: 1

Q-values before update: [[3.104525 2.8029127]]

Q-values after update: [[3.126625 2.8366709]]

Designated Priority: 1

Q-values before update: [[3.1222441 3.1438715]]

Q-values after update: [[3.1425004 3.176354 ]]

Designated Priority: 3

Q-values before update: [[2.6955743 2.2162786]]

Q-values after update: [[2.635293 2.1727567]]

Episode 96 out of total 100, Total Reward: 13.0, Epsilon: 0.75, Current State: [ 0.14798118 0.60100937 -0.22225134 -1.1297534 ], Steps Taken: 13

Designated Priority: 1

Q-values before update: [[4.852887 6.565053]]

Q-values after update: [[4.8409514 6.564731 ]]

Designated Priority: 1

Q-values before update: [[4.8661127 6.4007134]]

Q-values after update: [[4.850567 6.396079]]

Designated Priority: 1

Q-values before update: [[4.6193757 5.7153363]]

Q-values after update: [[4.6102605 5.7163324]]

Designated Priority: 1

Q-values before update: [[4.799623 6.3299856]]

Q-values after update: [[4.7959213 6.3352175]]

Designated Priority: 1

Q-values before update: [[4.5429006 5.6315527]]

Q-values after update: [[4.5366044 5.635085 ]]

Designated Priority: 1

Q-values before update: [[4.2119923 4.873618 ]]

Q-values after update: [[4.2032776 4.875937 ]]

Designated Priority: 1

Q-values before update: [[3.8386738 4.05592 ]]

Q-values after update: [[3.830004 4.0605597]]

Designated Priority: 1

Q-values before update: [[3.4196677 3.1768496]]

Q-values after update: [[3.4212265 3.1912825]]

Designated Priority: 1

Q-values before update: [[3.5146816 3.6126482]]

Q-values after update: [[3.5194354 3.6305914]]

Designated Priority: 1

Q-values before update: [[3.0672824 2.6895733]]

Q-values after update: [[3.0826988 2.717877 ]]

Designated Priority: 1

Q-values before update: [[3.126844 3.0659647]]

Q-values after update: [[3.150086 3.099395]]

Designated Priority: 1

Q-values before update: [[3.1924038 3.4450362]]

Q-values after update: [[3.2123039 3.474519 ]]

Designated Priority: 1

Q-values before update: [[2.7366252 2.4996736]]

Q-values after update: [[2.7672207 2.5397882]]

Designated Priority: 3

Q-values before update: [[2.7572885 2.8105745]]

Q-values after update: [[2.7134006 2.7205043]]

Episode 97 out of total 100, Total Reward: 14.0, Epsilon: 0.75, Current State: [ 0.18933704 0.80745095 -0.21704061 -1.4018207 ], Steps Taken: 14

Designated Priority: 1

Q-values before update: [[4.7654085 6.556692 ]]

Q-values after update: [[4.7609105 6.54061 ]]

Designated Priority: 1

Q-values before update: [[4.902959 6.5804524]]

Q-values after update: [[4.9053097 6.5664587]]

Designated Priority: 1

Q-values before update: [[4.8051662 6.575442 ]]

Q-values after update: [[4.810721 6.5720124]]

Designated Priority: 1

Q-values before update: [[4.9420424 6.6062407]]

Q-values after update: [[4.946409 6.601863]]

Designated Priority: 1

Q-values before update: [[4.793282 6.033864]]

Q-values after update: [[4.7912154 6.019122 ]]

Designated Priority: 1

Q-values before update: [[4.472753 5.2667565]]

Q-values after update: [[4.4686127 5.2484436]]

Designated Priority: 1

Q-values before update: [[4.1134777 4.428728 ]]

Q-values after update: [[4.10863 4.4095263]]

Designated Priority: 1

Q-values before update: [[3.7068882 3.519968 ]]

Q-values after update: [[3.7127478 3.5097291]]

Designated Priority: 1

Q-values before update: [[3.853714 4.0215225]]

Q-values after update: [[3.8609738 4.0183454]]

Designated Priority: 1

Q-values before update: [[3.4190376 3.0649645]]

Q-values after update: [[3.4363725 3.0704358]]

Designated Priority: 1

Q-values before update: [[3.5315695 3.5195959]]

Q-values after update: [[3.5559301 3.534174 ]]

Designated Priority: 1

Q-values before update: [[3.6536274 3.989612 ]]

Q-values after update: [[3.6826165 4.0106397]]

Designated Priority: 1

Q-values before update: [[3.789507 4.4739757]]

Q-values after update: [[3.8114944 4.490164 ]]

Designated Priority: 1

Q-values before update: [[3.370243 3.5312002]]

Q-values after update: [[3.3961945 3.552013 ]]

Designated Priority: 1

Q-values before update: [[2.9205146 2.5323825]]

Q-values after update: [[2.9565063 2.5616875]]

Designated Priority: 1

Q-values before update: [[2.9632173 2.8942778]]

Q-values after update: [[3.0002978 2.9262934]]

Designated Priority: 3

Q-values before update: [[3.0092833 3.259782 ]]

Q-values after update: [[2.9827664 3.2299314]]

Episode 98 out of total 100, Total Reward: 17.0, Epsilon: 0.75, Current State: [ 0.12170377 0.17837828 -0.2130428 -0.544337 ], Steps Taken: 17

Designated Priority: 1

Q-values before update: [[4.768367 6.4364524]]

Q-values after update: [[4.766382 6.433417]]

Designated Priority: 1

Q-values before update: [[4.61919 6.4257894]]

Q-values after update: [[4.6197915 6.428732 ]]

Designated Priority: 1

Q-values before update: [[4.7627974 6.4334254]]

Q-values after update: [[4.7639217 6.438366 ]]

Designated Priority: 1

Q-values before update: [[4.6761746 6.0682573]]

Q-values after update: [[4.6740656 6.068025 ]]

Designated Priority: 1

Q-values before update: [[4.3771963 5.2802377]]

Q-values after update: [[4.373499 5.27879 ]]

Designated Priority: 1

Q-values before update: [[4.0132923 4.4285216]]

Q-values after update: [[4.0092387 4.426638 ]]

Designated Priority: 1

Q-values before update: [[3.6069238 3.5102198]]

Q-values after update: [[3.612942 3.5173554]]

Designated Priority: 1

Q-values before update: [[3.7196589 4.0010138]]

Q-values after update: [[3.725643 4.0094595]]

Designated Priority: 1

Q-values before update: [[3.2901795 3.0426936]]

Q-values after update: [[3.306053 3.0601852]]

Designated Priority: 1

Q-values before update: [[3.3696215 3.4815567]]

Q-values after update: [[3.3916953 3.5047863]]

Designated Priority: 1

Q-values before update: [[3.4613154 3.9347563]]

Q-values after update: [[3.4781528 3.953214 ]]

Designated Priority: 1

Q-values before update: [[3.0325952 2.9664257]]

Q-values after update: [[3.06025 2.9947932]]

Designated Priority: 1

Q-values before update: [[3.0852857 3.3635838]]

Q-values after update: [[3.107878 3.3879776]]

Designated Priority: 1

Q-values before update: [[2.6411364 2.3641 ]]

Q-values after update: [[2.6736233 2.397869 ]]

Designated Priority: 3

Q-values before update: [[2.6486003 2.6962113]]

Q-values after update: [[2.6212356 2.6274202]]

Episode 99 out of total 100, Total Reward: 15.0, Epsilon: 0.75, Current State: [ 0.13945703 0.58032525 -0.22367276 -1.2506613 ], Steps Taken: 15

Designated Priority: 1

Q-values before update: [[4.898426 6.568023]]

Q-values after update: [[4.895258 6.5508294]]

Designated Priority: 1

Q-values before update: [[4.888264 6.2839103]]

Q-values after update: [[4.879531 6.2554846]]

Designated Priority: 1

Q-values before update: [[4.5959883 5.4657626]]

Q-values after update: [[4.585713 5.4341645]]

Designated Priority: 1

Q-values before update: [[4.244727 4.5826344]]

Q-values after update: [[4.234954 4.550799]]

Designated Priority: 1

Q-values before update: [[3.8490553 3.6275985]]

Q-values after update: [[3.8489966 3.603735 ]]

Designated Priority: 1

Q-values before update: [[3.946013 4.1036177]]

Q-values after update: [[3.9476142 4.0882998]]

Designated Priority: 1

Q-values before update: [[3.5270963 3.1063564]]

Q-values after update: [[3.5379632 3.0988674]]

Designated Priority: 1

Q-values before update: [[3.5922565 3.5400424]]

Q-values after update: [[3.6036549 3.539809 ]]

Designated Priority: 1

Q-values before update: [[3.149487 2.524101]]

Q-values after update: [[3.1706946 2.5345812]]

Designated Priority: 1

Q-values before update: [[3.1766973 2.882569 ]]

Q-values after update: [[3.2009244 2.8963368]]

Designated Priority: 1

Q-values before update: [[3.207918 3.2734525]]

Q-values after update: [[3.228493 3.2877228]]

Designated Priority: 1

Q-values before update: [[2.770091 2.2412486]]

Q-values after update: [[2.8004649 2.2646863]]

Designated Priority: 3

Q-values before update: [[2.7536018 2.5538433]]

Q-values after update: [[2.720438 2.5169098]]

Episode 100 out of total 100, Total Reward: 13.0, Epsilon: 0.75, Current State: [ 0.10192543 0.21658376 -0.22546023 -0.69114405], Steps Taken: 13

[9.0, 9.0, 10.0, 10.0, 8.0, 10.0, 9.0, 10.0, 10.0, 10.0, 9.0, 13.0, 10.0, 8.0, 10.0, 8.0, 9.0, 9.0, 11.0, 10.0, 10.0, 10.0, 11.0, 12.0, 19.0, 27.0, 23.0, 23.0, 11.0, 11.0, 9.0, 8.0, 8.0, 11.0, 10.0, 13.0, 9.0, 12.0, 12.0, 12.0, 11.0, 10.0, 10.0, 12.0, 12.0, 10.0, 10.0, 12.0, 10.0, 11.0, 9.0, 11.0, 12.0, 10.0, 10.0, 20.0, 14.0, 11.0, 10.0, 9.0, 9.0, 10.0, 22.0, 32.0, 26.0, 43.0, 10.0, 14.0, 23.0, 22.0, 16.0, 21.0, 17.0, 17.0, 12.0, 19.0, 11.0, 14.0, 19.0, 17.0, 18.0, 19.0, 24.0, 12.0, 13.0, 15.0, 12.0, 10.0, 11.0, 14.0, 13.0, 17.0, 15.0, 24.0, 14.0, 13.0, 14.0, 17.0, 15.0, 13.0]