Trace for small dataset (printed out the actions of every 10) Instance 1: Predicted Class = 2, Actual Class = 2 => Correct Instance 11: Predicted Class = 2, Actual Class = 2 => Correct Instance 21: Predicted Class = 1, Actual Class = 1 => Correct Instance 31: Predicted Class = 1, Actual Class = 1 => Correct Instance 41: Predicted Class = 2, Actual Class = 2 => Correct Instance 51: Predicted Class = 2, Actual Class = 2 => Correct Instance 61: Predicted Class = 2, Actual Class = 2 => Correct Instance 71: Predicted Class = 2. Actual Class = 2 => Correct Instance 81: Predicted Class = 2, Actual Class = 2 => Correct Instance 91: Predicted Class = 2, Actual Class = 2 => Correct Small Dataset Accuracy: 91.00%

Time Taken: 25ms

Trace for large dataset (printed out the actions of every 10) Instance 1: Predicted Class = 2, Actual Class = 2 => Correct Instance 11: Predicted Class = 2, Actual Class = 2 => Correct Instance 21: Predicted Class = 2, Actual Class = 2 => Correct Instance 31: Predicted Class = 1, Actual Class = 1 => Correct Instance 41: Predicted Class = 2, Actual Class = 2 => Correct Instance 51: Predicted Class = 2, Actual Class = 2 => Correct Instance 61: Predicted Class = 2, Actual Class = 2 => Correct Instance 71: Predicted Class = 2, Actual Class = 2 => Correct Instance 81: Predicted Class = 2, Actual Class = 2 => Correct Instance 91: Predicted Class = 2, Actual Class = 2 => Correct Instance 101: Predicted Class = 2, Actual Class = 2 => Correct Instance 111: Predicted Class = 1, Actual Class = 1 => Correct Instance 121: Predicted Class = 2, Actual Class = 2 => Correct Instance 131: Predicted Class = 1, Actual Class = 2 => Incorrect Instance 141: Predicted Class = 2, Actual Class = 2 => Correct Instance 151: Predicted Class = 1, Actual Class = 1 => Correct Instance 161: Predicted Class = 1, Actual Class = 2 => Incorrect Instance 171: Predicted Class = 2, Actual Class = 2 => Correct Instance 181: Predicted Class = 2, Actual Class = 2 => Correct Instance 191: Predicted Class = 1, Actual Class = 2 => Incorrect Instance 201: Predicted Class = 2, Actual Class = 2 => Correct Instance 211: Predicted Class = 2, Actual Class = 2 => Correct Instance 221: Predicted Class = 2, Actual Class = 2 => Correct Instance 231: Predicted Class = 2, Actual Class = 2 => Correct Instance 241: Predicted Class = 2, Actual Class = 2 => Correct Instance 251: Predicted Class = 1, Actual Class = 1 => Correct

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Instance 261: Predicted Class = 2, Actual Class = 2 => Correct
Instance 271: Predicted Class = 2, Actual Class = 2 => Correct
Instance 281: Predicted Class = 2, Actual Class = 2 => Correct
Instance 291: Predicted Class = 2, Actual Class = 2 => Correct
Instance 301: Predicted Class = 2, Actual Class = 2 => Correct
Instance 311: Predicted Class = 2, Actual Class = 2 => Correct
Instance 321: Predicted Class = 2, Actual Class = 2 => Correct
Instance 331: Predicted Class = 2, Actual Class = 2 => Correct
Instance 341: Predicted Class = 1, Actual Class = 1 => Correct
Instance 351: Predicted Class = 2, Actual Class = 2 => Correct
Instance 361: Predicted Class = 1, Actual Class = 1 => Correct
Instance 371: Predicted Class = 2, Actual Class = 2 => Correct
Instance 381: Predicted Class = 2, Actual Class = 2 => Correct
Instance 391: Predicted Class = 2, Actual Class = 2 => Correct
Instance 401: Predicted Class = 2, Actual Class = 2 => Correct
Instance 411: Predicted Class = 2, Actual Class = 2 => Correct
Instance 421: Predicted Class = 2, Actual Class = 2 => Correct
Instance 431: Predicted Class = 2, Actual Class = 2 => Correct
Instance 441: Predicted Class = 2, Actual Class = 2 => Correct
Instance 451: Predicted Class = 1, Actual Class = 1 => Correct
Instance 461: Predicted Class = 2, Actual Class = 2 => Correct
Instance 471: Predicted Class = 1, Actual Class = 1 => Correct
Instance 481: Predicted Class = 2, Actual Class = 2 => Correct
Instance 491: Predicted Class = 2, Actual Class = 2 => Correct
Instance 501: Predicted Class = 2, Actual Class = 2 => Correct
Instance 511: Predicted Class = 2, Actual Class = 2 => Correct
Instance 521: Predicted Class = 2, Actual Class = 2 => Correct
Instance 531: Predicted Class = 2, Actual Class = 2 => Correct
Instance 541: Predicted Class = 2, Actual Class = 2 => Correct
Instance 551: Predicted Class = 2, Actual Class = 2 => Correct
Instance 561: Predicted Class = 2, Actual Class = 2 => Correct
Instance 571: Predicted Class = 2, Actual Class = 2 => Correct
Instance 581: Predicted Class = 2, Actual Class = 2 => Correct
Instance 591: Predicted Class = 2, Actual Class = 2 => Correct
Instance 601: Predicted Class = 2, Actual Class = 2 => Correct
Instance 611: Predicted Class = 2, Actual Class = 2 => Correct
Instance 621: Predicted Class = 2, Actual Class = 2 => Correct
Instance 631: Predicted Class = 1, Actual Class = 1 => Correct
Instance 641: Predicted Class = 2, Actual Class = 2 => Correct
Instance 651: Predicted Class = 2, Actual Class = 2 => Correct
Instance 661: Predicted Class = 2, Actual Class = 2 => Correct
Instance 671: Predicted Class = 2, Actual Class = 2 => Correct
Instance 681: Predicted Class = 2, Actual Class = 2 => Correct
Instance 691: Predicted Class = 2, Actual Class = 2 => Correct
```

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Instance 701: Predicted Class = 2. Actual Class = 1 => Incorrect
Instance 711: Predicted Class = 2, Actual Class = 2 => Correct
Instance 721: Predicted Class = 2, Actual Class = 2 => Correct
Instance 731: Predicted Class = 1, Actual Class = 2 => Incorrect
Instance 741: Predicted Class = 2, Actual Class = 2 => Correct
Instance 751: Predicted Class = 1, Actual Class = 1 => Correct
Instance 761: Predicted Class = 1, Actual Class = 1 => Correct
Instance 771: Predicted Class = 1, Actual Class = 1 => Correct
Instance 781: Predicted Class = 2, Actual Class = 2 => Correct
Instance 791: Predicted Class = 2, Actual Class = 2 => Correct
Instance 801: Predicted Class = 2, Actual Class = 2 => Correct
Instance 811: Predicted Class = 1, Actual Class = 1 => Correct
Instance 821: Predicted Class = 2, Actual Class = 2 => Correct
Instance 831: Predicted Class = 2, Actual Class = 2 => Correct
Instance 841: Predicted Class = 2, Actual Class = 2 => Correct
Instance 851: Predicted Class = 2, Actual Class = 2 => Correct
Instance 861: Predicted Class = 2, Actual Class = 2 => Correct
Instance 871: Predicted Class = 2, Actual Class = 2 => Correct
Instance 881: Predicted Class = 2, Actual Class = 2 => Correct
Instance 891: Predicted Class = 1, Actual Class = 2 => Incorrect
Instance 901: Predicted Class = 2, Actual Class = 2 => Correct
Instance 911: Predicted Class = 2, Actual Class = 2 => Correct
Instance 921: Predicted Class = 2, Actual Class = 2 => Correct
Instance 931: Predicted Class = 2, Actual Class = 2 => Correct
Instance 941: Predicted Class = 2, Actual Class = 2 => Correct
Instance 951: Predicted Class = 2, Actual Class = 2 => Correct
Instance 961: Predicted Class = 2, Actual Class = 2 => Correct
Instance 971: Predicted Class = 2, Actual Class = 2 => Correct
Instance 981: Predicted Class = 2, Actual Class = 2 => Correct
Instance 991: Predicted Class = 2, Actual Class = 2 => Correct
Large Dataset Accuracy: 94.70%
```

Time Taken: 2238ms

Clement Chen, cchen606

https://github.com/cchen606/cs170 project2