

```
PS G:\My Drive\School\01_Fall2024\CS210\WK02> ls
```

Directory: G:\My Drive\School\01_Fall2024\CS210\WK02

Mode	LastWriteTime	Length	Name
-----	-----	-----	-----
-----	9/4/2024 4:57 PM	3097	Assignment02_binary_search.py
-----	9/4/2024 4:58 PM	1403	
			Assignment02_binary_search_OUTPUT.txt
-----	9/4/2024 4:57 PM	146902	Assignment02_binary_search.pdf
-----	9/4/2024 6:03 PM	968	Assignment02_binary_search_Rev2.py
-----	9/4/2024 6:03 PM	105466	
			Assignment02_binary_search_Rev2.pdf
-----	9/4/2024 5:36 PM	1555	
			Assignment02_binary_search_Rev2_OUTPUT.txt
-----	9/4/2024 6:00 PM	56569	
			Assignment02_binary_search_OUTPUT.pdf
-----	9/4/2024 6:00 PM	56171	
			Assignment02_binary_search_Rev2_OUTPUT.pdf
-----	9/4/2024 6:01 PM	212255	
			Assignemnt02_binary_search_FINAL.pdf

```
PS G:\My Drive\School\01_Fall2024\CS210\WK02> py
```

```
.\Assignment02_binary_search_Rev2.py
```

```
[1, 1003, 1025, 1038, 1040, 1046, 1047, 1048, 1053, 1060, 1091, 1119, 1120, 1130, 1140, 1141, 1165, 1170, 1174, 1180, 1187, 1192, 1268, 1274, 1284, 1321, 1325, 1333, 1341, 1350, 1352, 1362, 1365, 1366, 1367, 1381, 1398, 1405, 1416, 1422, 1451, 1457, 1481, 1486, 1493, 1521, 1531, 1563, 1579, 1586, 1590, 1623, 1635, 1642, 1645, 1649, 1666, 1683, 1691, 1700, 1708, 1721, 1725, 1741, 1746, 1758, 1792, 1797, 1803, 1813, 1840, 1851, 1874, 1875, 1880, 1893, 1897, 1907, 1910, 1917, 1923, 1927, 1932, 1959, 1976, 1978, 1983, 1988, 1991, 2005, 2023, 2025, 2035, 2055, 2062, 2092, 2105, 2130, 2152, 10000]
```

Target: 1645 found at index: 54 (check: 1645) after 7 guesses.

```
PS G:\My Drive\School\01_Fall2024\CS210\WK02> py
```

```
.\Assignment02_binary_search_Rev2.py
```

```
[1, 1015, 1046, 1052, 1074, 1091, 1092, 1094, 1096, 1107, 1113, 1122, 1144, 1187, 1213, 1218, 1226, 1239, 1241, 1243, 1258, 1265, 1279, 1283, 1297, 1316, 1320, 1341, 1345, 1362, 1365, 1366, 1375, 1377, 1403, 1407, 1409, 1447, 1452, 1457, 1463, 1470, 1476, 1478, 1500, 1510, 1517, 1539, 1542, 1564, 1576, 1588, 1611, 1612, 1615, 1616, 1623, 1638, 1640, 1644, 1663, 1666, 1673, 1675, 1682, 1687, 1709, 1710, 1713, 1721, 1729, 1730, 1731, 1753, 1761, 1773, 1776, 1807, 1808, 1848, 1849, 1880, 1896, 1900, 1919, 1922, 1945, 1956, 1958, 1982, 1986, 1993, 2026, 2047, 2090, 2094, 2112, 2123, 2149, 10000]
```

Target: 1731 found at index: 72 (check: 1731) after 6 guesses.

```
PS G:\My Drive\School\01_Fall2024\CS210\WK02> py
```

```
.\Assignment02_binary_search_Rev2.py
```

```
[1, 1004, 1012, 1022, 1029, 1040, 1067, 1073, 1080, 1087, 1117, 1123, 1134, 1154, 1155, 1156, 1157, 1169, 1170, 1182, 1188, 1192, 1202, 1228, 1235, 1251, 1267, 1268, 1271, 1308, 1311, 1312, 1314, 1315, 1330, 1331, 1334, 1352, 1372, 1375, 1408, 1427, 1433, 1435, 1448, 1462, 1463, 1494, 1507, 1519, 1532, 1544, 1572, 1587, 1593, 1603, 1614, 1641, 1645, 1657, 1660, 1664, 1668, 1669, 1674, 1680, 1681, 1684, 1706, 1709, 1726, 1750, 1771, 1774, 1776, 1784, 1785, 1792, 1843, 1844, 1854, 1865, 1869, 1876, 1901, 1904, 1905, 1945, 1957, 1978, 1988, 1999, 2008, 2010, 2017, 2026, 2040, 2045, 2064, 10000]
```

```
Target: 0 not found in the array after 6 guesses.
```

```
PS G:\My Drive\School\01_Fall2024\CS210\WK02>
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