Define 100 arrays of length 10. The k^{th} array has integers elements that goes from 10k to 10(k + 1) - 1. For instance:

- array 1 (k = 0): [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
- array 2 (*k* = 1): [10, 11, 12, 13, 14, 15, 16, 17, 18, 19]
- etc ...

Solution 1: using np.split

```
import numpy as np
np.split(np.arange(10*100), 100)
```

[array([0, 1, 2, 3, 4, 5, 6, 7, 8, 9]), array([10, 11, 12, 13, 14, 15, 16, 17, 18, 19]), array([20, 21, 22, 23, 24, 25, 26, 27, 28, 29]), array([30, 31, 32, 33, 34, 35, 36, 37, 38, 39]), array([40, 41, 42, 43, 44, 45, 46, 47, 48, 49]), array([50, 51, 52, 53, 54, 55, 56, 57, 58, 59]), array([60, 61, 62, 63, 64, 65, 66, 67, 68, 69]), array([70, 71, 72, 73, 74, 75, 76, 77, 78, 79]), array([80, 81, 82, 83, 84, 85, 86, 87, 88, 89]), array([90, 91, 92, 93, 94, 95, 96, 97, 98, 99]), array([100, 101, 102, 103, 104, 105, 106, 107, 108, 109]), array([110, 111, 112, 113, 114, 115, 116, 117, 118, 119]), array([120, 121, 122, 123, 124, 125, 126, 127, 128, 129]), array([130, 131, 132, 133, 134, 135, 136, 137, 138, 139]), array([140, 141, 142, 143, 144, 145, 146, 147, 148, 149]), array([150, 151, 152, 153, 154, 155, 156, 157, 158, 159]), arrav([160, 161, 162, 163, 164, 165, 166, 167, 168, 169]), array([170, 171, 172, 173, 174, 175, 176, 177, 178, 179]), array([180, 181, 182, 183, 184, 185, 186, 187, 188, 189]), array([190, 191, 192, 193, 194, 195, 196, 197, 198, 199]), array([200, 201, 202, 203, 204, 205, 206, 207, 208, 209]), array([210, 211, 212, 213, 214, 215, 216, 217, 218, 219]), array([220, 221, 222, 223, 224, 225, 226, 227, 228, 229]), array([230, 231, 232, 233, 234, 235, 236, 237, 238, 239]), array([240, 241, 242, 243, 244, 245, 246, 247, 248, 249]), array([250, 251, 252, 253, 254, 255, 256, 257, 258, 259]), array([260, 261, 262, 263, 264, 265, 266, 267, 268, 269]), array([270, 271, 272, 273, 274, 275, 276, 277, 278, 279]), array([280, 281, 282, 283, 284, 285, 286, 287, 288, 289]), array([290, 291, 292, 293, 294, 295, 296, 297, 298, 299]), array([300, 301, 302, 303, 304, 305, 306, 307, 308, 309]), array([310, 311, 312, 313, 314, 315, 316, 317, 318, 319]), array([320, 321, 322, 323, 324, 325, 326, 327, 328, 329]), array([330, 331, 332, 333, 334, 335, 336, 337, 338, 339]), array([340, 341, 342, 343, 344, 345, 346, 347, 348, 349]), array([350, 351, 352, 353, 354, 355, 356, 357, 358, 359]), array([360, 361, 362, 363, 364, 365, 366, 367, 368, 369]),

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Processing math: 100%