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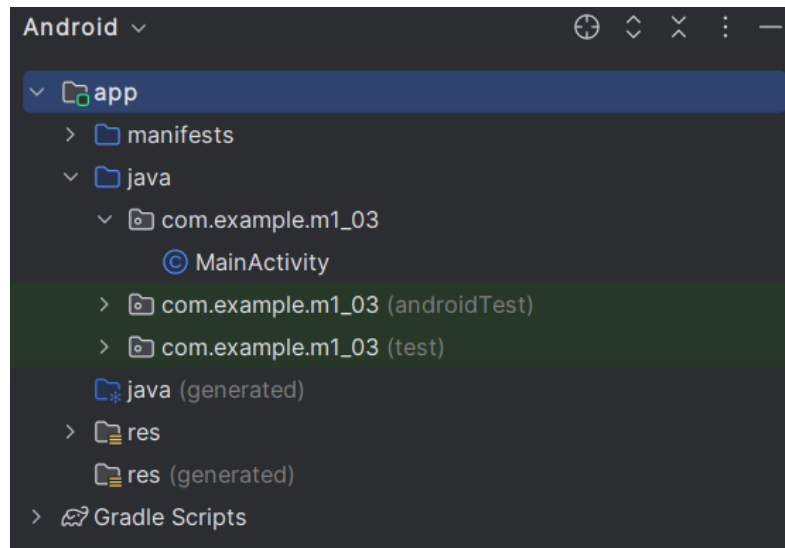
Grupo: 2692

Actividad-M1-03

Fecha:16-03-2025



1. Crear tu primer activity



2. En lenguaje de programación JAVA dentro de Android Studio, crea una app vacía.

3. Crear un arreglo con 1 millón de elementos enteros de manera aleatoria.

```
int[] numeros = new int [1000000];
Random random = new Random();

for (int i = 0; i < numeros.length; i++){
    numeros[i] = random.nextInt( bound: 1000000);
}
```

4. Ordenar los elementos.

```
Arrays.sort(numeros);
```

5. Medir el tiempo de inicio a fin.

```
Install successfully finished in 162 ms.
```

6. Imprimir en el logcat los resultados obtenidos.

```

----- PROCESS STARTED (27363) for package com.example.m1_03 -----
2025-03-16 12:19:42.394 27363-27363 GraphicsEnvironment com.example.m1_03 V Global.Settings values are invalid: number of packages: 0, number of values
2025-03-16 12:19:45.898 27363-27363 MainActivity com.example.m1_03 D Numero: [1, 2, 2, 2, 5, 6, 7, 7, 9, 11, 11, 12, 13, 15, 16, 16, 17, 18, 19
2025-03-16 12:19:46.251 27363-27394 BLASTBufferQueue com.example.m1_03 D [VRI[MainActivity]#0](f:0,a:1) acquireNextBufferLocked size=1080x2400 mFro

```

Resultado:

Numero: [1, 2, 2, 2, 5, 6, 7, 7, 9, 11, 11, 12, 13, 15, 16, 16, 17, 18, 19, 20, 21, 22, 22, 23, 25, 25, 26, 26, 27, 29, 29, 29, 30, 31, 31, 32, 32, 33, 34, 34, 34, 35, 38, 40, 41, 41, 41, 42, 44, 44, 46, 46, 46, 48, 49, 50, 51, 52, 52, 53, 53, 53, 53, 53, 54, 54, 54, 55, 55, 56, 61, 61, 62, 63, 66, 67, 67, 68, 68, 69, 71, 71, 72, 72, 75, 77, 77, 77, 77, 77, 78, 78, 80, 80, 81, 82, 83, 84, 84, 84, 86, 86, 88, 90, 90, 93, 95, 96, 97, 102, 102, 103, 105, 105, 107, 108, 108, 110, 110, 112, 113, 114, 114, 118, 119, 119, 120, 120, 121, 121, 121, 122, 123, 123, 124, 124, 126, 127, 129, 129, 130, 130, 131, 132, 132, 134, 134, 135, 136, 136, 138, 142, 143, 145, 146, 146, 147, 148, 150, 155, 155, 156, 158, 159, 160, 161, 161, 161, 164, 164, 164, 164, 165, 165, 165, 166, 167, 167, 168, 171, 172, 172, 173, 173, 177, 179, 179, 179, 179, 180, 180, 183, 187, 187, 187, 188, 188, 191, 191, 192, 193, 194, 196, 197, 198, 198, 199, 200, 201, 201, 201, 201, 202, 202, 202, 204, 205, 206, 207, 211, 211, 214, 214, 215, 216, 217, 218, 218, 218, 219, 223, 224, 224, 225, 225, 226, 228, 228, 228, 231, 232, 233, 234, 238, 238, 239, 239, 240, 240, 241, 241, 242, 243, 243, 243, 244, 245, 246, 246, 249, 249, 249, 251, 254, 255, 255, 257, 257, 258, 259, 260, 263, 264, 264, 265, 265, 266, 272, 272, 273, 274, 274, 275, 279, 279, 282, 284, 285, 285, 287, 287, 287, 288, 292, 293, 294, 295, 296, 298, 303, 305, 308, 309, 311, 313, 313, 314, 315, 315, 316, 316, 316, 316, 320, 320, 321, 321, 322, 322, 323, 324, 326, 327, 327, 328, 329, 330, 333, 334, 334, 335, 336, 337, 338, 338, 338, 339, 339, 340, 341, 342, 343, 343, 344, 344, 345, 346, 348, 348, 349, 351, 352, 352, 352, 353, 354, 356, 356, 359, 359, 360, 360, 361, 362, 362, 363, 364, 365, 366, 369, 369, 370, 370, 371, 372, 372, 372, 373, 374, 375, 378, 379, 380, 383, 386, 387, 387, 388, 389, 390, 391, 391, 391, 392, 392, 394, 396, 396, 397, 397, 398, 404, 404, 407, 408, 409, 410, 410, 411, 413, 413, 413, 413, 416, 419, 419, 420, 422, 426, 427, 429, 429, 430, 432, 432, 433, 434, 436, 440, 441, 442, 442, 445, 445, 448, 449, 451, 452, 452, 453, 453, 453, 454, 454, 455, 455, 456, 456, 457, 459, 459, 459, 459, 460, 463, 464, 465, 465, 465, 467, 468, 468, 471, 471, 472, 472, 473, 474, 475, 476, 476, 477, 477, 477, 477, 477, 478, 480, 480, 482, 484, 484, 485, 486, 487, 489, 489, 490, 491, 491, 492, 493, 497, 498, 498, 499, 499, 500, 500, 502, 502, 509, 509, 511, 514, 514, 514, 515, 515, 515, 516, 518, 518, 519, 520, 521, 522, 522, 524, 525, 529, 530, 530, 532, 532, 532, 533, 534, 535, 536, 537, 538, 538, 538, 539, 539, 540, 541, 541, 541, 546, 546, 546, 548, 548, 549, 551, 551, 552, 553, 553, 553, 554, 555, 556, 556, 558, 561, 561, 562, 563, 566, 570, 572, 574, 576, 576, 576, 577, 578, 578, 580, 581, 582, 585, 585, 588, 588, 591, 593, 593, 593, 594, 595, 596, 597, 600, 600, 601, 601, 601, 603, 605, 606, 606, 609, 610, 611, 612, 613, 613, 613, 613, 613, 615, 615,

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