A screenshot of a computer

Description automatically generatedGraphical user interface, text, application

Description automatically generated 7. Given a part of Program 5.3, trace the program and show the output.

|  |  |  |  |
| --- | --- | --- | --- |
| Index1 | Index2 | Array [Index1] [Index2] | Output |
| 0 | 0 | 0 |  |
|  | 1 | 1 |  |
|  | 2 | 2 |  |
| 1 | 0 | 1 |  |
|  | 1 | 2 |  |
|  | 2 | 3 |  |
| 2 | 0 | 2 |  |
|  | 1 | 3 |  |
|  | 2 | 4 |  |
|  |  |  |  |
| 0 | 0 |  | 0 |
|  | 1 |  | 1 |
|  | 2 |  | 2 |
| 1 | 0 |  | 1 |
|  | 1 |  | 2 |
|  | 2 |  | 3 |
| 2 | 0 |  | 2 |
|  | 1 |  | 3 |
|  | 2 |  | 4 |