**BBM 201 Data Structures**

**QUIZ – 2 (19.10.2017)**

1. Write the outputs of the following commands according to the array and pointer assignment.

100

104

A[6]

108

112

116

120

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2 | 1 | 5 | 4 | 1 | 3 |

int\* p=A;

1. Print p \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Print p+1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Print \*(p+3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Print \*p \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Print A[2] \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Write the outputs of the following commands according to the given two-dimensional array.

100

104

108

112

116

120

B[2][3]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 3 | 1 | 0 | 5 | 2 | 4 |

1. Print B \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Print B+1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Print \*(B+2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Print \*(\*B+1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Print B[1][1] \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Print &B[1][1] \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Print B[0]+1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_