**CS201 Current Midterm Papers Fall 2016 (17 December 2016 to 29 December 2016)**

**CS201 Midterm Exam 17 Dec 2016 By Abdul Shakoor**

Subjective:

Q-Write down the general syntax of switch statement.

Q-Write a code segment that displays the diagonal element of a matrix of NxN.

where N can be any number and represents demention of matrix

Q-Mention any two affects in a programme who can occur as a result of an overflow condition.

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1. You can use a \_\_\_\_GOTO\_\_\_\_\_ statement to transfer control elsewhere out of the nested structure.

2 Overflow condition occurs when we try to assign a value to a variable which is \_\_\_\_\_\_\_\_\_\_.
3. Reusing the \_\_\_\_\_\_\_\_\_\_ in program helps to save the memory.
4 When an array is passed to a function, by default it will be passed by\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. There are mainly -------------------- types of software.
6. In 2D array, the technique used to access the array elements is called \_\_\_\_\_\_\_\_\_\_\_.

7. Characters are represented inside the computers in terms of code number which is called \_\_\_\_\_\_\_\_ encoding scheme.

8. \_\_\_\_\_\_\_\_\_\_ is used to check for the end of file when a file is being read.

9. When the logical operator AND (&&) combines two expressions exp1 and exp2 then the result will be true only \_\_\_\_\_\_\_\_\_\_\_\_

10. The left-shift operator can be used to pck two character values into a \_\_\_\_\_\_\_\_\_\_\_\_ integer variable.

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Subjective question

What will be the output of the given progrm code ?

#include

main()
{

int num[3][2] = {12, 51, 34, 54, 14, 55};

for(int j=0; j<3; j++) cout\*(\*(num + j) + 1)/p>