

CSE Suggestion For Midterm

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Short questions-

1. why c called the mother of all programming language ?
 2. What is reserved keyword ? write some keyword of c language.
 3. what does mean by the structured programming ?
 4. What are the basic Data types supported in C Programming Language?
 5. What is a variable ?
 6. what is array ?
 7. what is compiler ?
 8. what do you mean by a nested structure ?
 9. What is the purpose of printf() and scanf() in C Program ?
 10. what do you mean by the format specifier ?
 11. How many operation can be happen in a c program ? example..
 12. how many kinds of array ?
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Others-

1. Find the errors of this program:

```
2. #include <studio.h>
3. int main() {
4.     // printf() displays the string inside quotation
5.     printf("Hello, World!")
6.     return 0;
7. }
```

2. what are the difference between array and variables . what is advantages or disadvantages of variables and array ?
3. write a program to check a number is (prime & strong) or not .

4.write a program which can multiple all the element of an array .

5.write a program which can solve a Fibonacci series .

6.write a program which can solve a factorial series.

7.write a program which can print such kind of structure/pattern

```
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
```

```
      *
    * * *
  * * * * *
* * * * * * *
* * * * * * *
```

```
      1
    1 1
  1 2 1
1 3 3 1
1 4 6 4 1
1 5 10 10 5 1
```

ETC.

8. Build a console application for the sum of some numbers .

9. In a room there is a bulb . when someone inter into the room the input get a value that is 1 and after left the room the input get a value that is 0,
When the input is 1 then the bulb give lights and for the time of 0 it get off.
Write a program about it. (can it be solved with ternary operator statement?) .

10.write a program which can addition all the elements of an array.

11.Write a program for intersection of two sets .

Well wishes