Code generation questions

1. Print the pattern

      1

   2 3 2

[3 4 5 4 3](tel:34543)

2. Find duplicate elements in an array

Eg: 1 3 2 5 6 8 3 2 5 9

Ans: 3 2 5

3. Find the highest value in given number

Eg: 5934

Ans: 9

Finding output for the given code snippet

4. In printf, scanf works or not?

5. Given 2 double Pointer assignments and print the pointer value.

Eg: a[]={1,2,6,9};

\*c = a;

\*b = c;

Print b

6. Given for loop, reconstruct using while loop.

7. In strings, what will be output

if (str1 == str2)

Print equal

Else

Print unequal

8. Ternary operators in printf

9. From Char array s[]= {m,a,i,n}, what will be the output for printing s[ i ] values of string where i=0. In printing, the loop was

For( i=0;s[i];i++)

{

Pf("%c...",s[i], \*s[i+s], \*s[s+i],i[s]);

}

10. In assigning an integer, a= a && b && z++

Print z value

Note: a, b, z has been initialized already

1. Swapping two numbers without using temporary variables.

2. Bubble sorts the given array of numbers.

3.1/2 + 5/6+ 6/7 + some numbers find the sum of this series.

4. Sum of n numbers.

5. Pattern printing

   1

                  1      2        1

           1        3         3         1

    1           4        6         4        1

6. Given a non palindrome string change it into a palindrome and display it

For example if omm is given we have to change it to mom.

1) Code for the following pattern:

a) i)\*\*\*\*\* ii)\*  
\*\*\* \* \*  
 \* \* \* \*  
 \* \* \* \*

b) 1111  
 000  
 1 1  
 0

c)11111  
 1 1  
 1 1  
 1 1  
 11111

5) Code for the following pattern:

a) \*  
 \*\*\*  
 \*\*\*\*\*  
 \*\*\*\*\*  
 \*\*\*  
 \*

b)#####  
 # #  
 # #  
 # #  
 #####  
6)Merge 2 array remove duplicate.  
7)Remove special character from the string.

4)If the string is replaced by NULL character?

40)Code the following pattern,

a)12345  
 1 5  
 1 3 5  
 1 5  
 1 2 3 4 5  
b)Number of working days between given two dates.  
c)Print E D C B A  
 E D C B  
 E D C  
 E D  
 E  
41)Printi) 20 multiples of 3&4 ii)after printing 60  
42)Logic for program.  
 1  
 2 3  
4 5 6   
 7 8 9 10

61)Program to generate : 1  
 2 4  
 3 6 9  
 4 8 12 16  
 5 10 15 20 25  
62)How many main functions are there in JAVA?  
63)Add the row and column elements of a particular matrix.  
64)Print the pattern: a)\* \* \* b)$ $ $ $  
 \* \* A AA  
 \* $ $  
 \* B  
 \* \*  
 \* \* \*   
65)Program to square a number and count the number of digits in it.

43)Write a C program to merge both table ‘3’ and table ‘5’ in the form of 3,5,6,9,10,12,15……… upto 20.Repeated number not allowed to print.(Example:3\*5=15 & 5\*3=15, print once)

44)Write a program to display your name in odd places and display the number in even places.