COMPUTER SCIENCE(330)

Previous year & Repeated Questions

One Mark question.(April 2023)

1. What is the use of tellp() pointer?
   Ans:- tellp() function gives the position of put pointer in terms of bytes.
2. What is the use of the parameter ios::out?
   Ans:- It opens the file in output mode.
3. Define Cartesian product of two tables?
   Ans:- In SQL, the Cartesian product of two tables is the result of combining every row from one table with every row from another table.
4. Name the header files to which the following built in functions belong.
   A. Log(x)
   B. Isalpha(x)
   Ans:- A. <math.h>   B.<ctype.h>.
5. What do you mean by local variables?

Local variable is a variable that is only accessible within the function or block that defines it.

Two Marks Questions.(Oct 2022)

6. Explain Webpage & Web browser?   Ans:- Web page
   A web page is a document that is written in HyperText Markup Language (HTML) and can contain text, images, audio, and video. Web pages are the building blocks of the World Wide Web (www) and are linked together to form websites.
   Web browser
   A web browser is a program that allows users to view web pages by reading and translating the document's code.
7. Write a function C++ print the sum of all odd numbers till 100.
   ```cpp
   int solve( int n ) {
     int i;
     int sum = 0;
     cout << "Odd numbers are: ";
     for( i = 1; i <= n; i = i + 2 ) {
       cout << i << ", ";
       sum = sum + i;
     }
   ```
   ### (*April 2024*)

8. Explain empty tag with an example.
   Ans:- Empty tags require just a starting tag and not an ending tag. <HTML>and </HTML>, <TITLE> and </TITLE> are examples of container tags.
, <IMG> are examples of empty tags.
9. Identify how many times the loop gets executed.
   int n=10;
   while(n>=5)
   {
   n=n-2;
   }
   Ans;- 3 times the loop executed.
10. Explain Router?
    Ans:-
    A router is a device that connects two or more packet-switched networks or subnetworks. It serves two primary functions: managing traffic between these networks by forwarding data packets to their intended IP addresses, and allowing multiple devices to use the same Internet connection.
    5 Mark questions. (April 2023)
11. Write a program to create an array of N elements using Selection sort,sort the elements of the array in ascending order and print the new array .
    Ans:-   #include<iostream.h>
             const int N=5;
             void main ()
             {
             int a[n],i,j,t;
        cout<<"Enter values";
    for(i=0;i<n;i++)
    cin>>a[i];
    for(i=0;i<n-1;i++)
    for(j=1;j<n;j++)
    if(a[i]>a[j])
    {
    t=a[i];
    a[i]=a[j];
    a[j]=t;
    }
    for(i=0;i<n;i++)
    cout<<a[i];
    }