

Lab Programs 2022

Computer Science

C++ Section

1. To find the largest number among three given numbers.

```
#include < iostream >
using namespace std;
int main()
{
    int a, b, c;
    cout << "Enter three numbers: ";
    cin >> a >> b >> c;
    if(a>b && a>c)
        cout << a << "is the largest number";
    else if(b>c)
        cout << b << "is the largest number";
    else
        cout << c << "is the largest number";
    return 0;
}
```

2. To print the day name of a week using switch statement.

```
#include<iostream>
using namespace std;
int main()
{
    int day;
    cout << "Enter a number (From 1 to 7): ";
    cin >> day;
    switch(day)
    {
        case 1: cout << "Sunday";
                break;
        case 2: cout << "Monday";
                break;
        case 3: cout << "Tuesday";
                break;
        case 4: cout << "Wednesday";
                break;
        case 5: cout << "Thursday";
                break;
        case 6: cout << "Friday";
                break;
        case 7: cout << "Saturday";
                break;
        default: cout << "Invalid choice";
    }
    return 0;
}
```



3. To find the sum of the squares of the first N natural numbers.

```
#include<iostream>
using namespace std;
int main()
{
    int n,i,sum=0;
    cout<< "Enter a number: ";
    cin >> n ;
    for (i = 1; i <= n; i++)
        sum = sum + i*i;
    cout << "The sum is :" << sum <<endl;
    return 0;
}
```

4. To check whether a given number is palindrome or not.

```
#include <iostream>
using namespace std;
int main()
{
    int n,p,r = 0;
    cout << "Enter a positive number: ";
    cin >> n;
    p = n;
    while(n>0)
    {
        r = r*10 + n % 10;
        n = n / 10;
    }
    if (r == p)
        cout << " The number is palindrome.";
    else
        cout << " The number is not palindrome.";
    return 0;
}
```



HTML Section

5. Design a simple and attractive webpage for Kerala Tourism. It should contain features like background colour/image, headings, text formatting and font tags, images etc. (Images are provided)

[illegible]

6. Design a simple webpage about your school. Create another webpage named address.html containing the school address. Give links from the school page to address.htm.

Page 1 - school.html	Page 2 - address.html
<pre><HTML> <HEAD><TITLE>My School</TITLE></HEAD> <BODY> <H3>Our School has the following courses</H3> 1. Computer Science
 2. Biology Science
 3. Commerce
 4. Humanities
 Address of the School </BODY> </HTML></pre>	<pre><HTML> <HEAD><TITLE>Address</TITLE></HEAD> <BODY> <H3>School Address</H3> GVHSS Payyoli
 Thikkodi P.O
 Kozhikode
 PIN: 673529
 </BODY> </HTML></pre>

7. Design a Web page as shown below using appropriate tags

Wild life Sanctuaries in Kerala

- Iravikulam
- Muthanga
- Kadalundi

```
<HTML>
<HEAD><TITLE>Wild life Sanctuaries</TITLE></HEAD>
<BODY>
  <H2>Wild life Sanctuaries in Kerala </H2>
  <UL>
    <LI> Iravikulam </LI>
    <LI> Muthanga </LI>
    <LI> Kadalundi</LI>
  </UL>
</BODY>
</HTML>
```

8. To design a web page containing a table as shown below.

Speed limits in Kerala		
Vehicle	Within Corporation/ Municipality (In Km/Hr)	In other roads
Motor cycle	40	50
Light Motor Vehicle	40	70
Heavy Motor Vehicle	35	60

```
<HTML>
<HEAD><TITLE>Table</TITLE></HEAD>
<BODY>
<TABLE Border = "3" >
<CAPTION><B>Speed limits in Kerala</CAPTION>
  <TR><TH>Vehicle</TH>
    <TH>Within Corporation/Municipality (In Km/Hr) </TH>
    <TH>In other roads</TH>
  </TR>
  <TR><TD>Motor cycle</TD><TD>40</TD><TD>50</TD></TR>
  <TR><TD>Light Motor Vehicle</TD><TD>40</TD><TD>70</TD></TR>
  <TR><TD>Heavy Motor Vehicle</TD><TD>35</TD><TD>60</TD></TR>
</TABLE>
</BODY>
</HTML>
```