

**Computer Science  
Practical Record Book**

**Name** :

**Register No** :

**Certificate**

*This is to certify that this is a bonafide record of Practical work done by  
..... Reg No .....  
for the Higher Secondary Course in Computer Science in the year .....*

*External Examiner*

*Teacher in Charge*

## **PART A: C++ Programs**

1. Write C++ Program to find largest three numbers

```
#include<iostream>
using namespace std;
int main()
{
int a,b,c;
cout<<"Program To Find The Biggest Of Three Numbers\n";
cout<<"Enter Three Numbers";
cin>>a>>b>>c;
if(a>b&& a>c)
cout<<a<<" is big";
else if(b>c)
cout<<b<<" is big";
else
cout<<c<<" is big";
return 0;
}
```

Output

```
Program To Find The Biggest Of Three Numbers
Enter three numbers
5
6
2

6 is big
```

## 2. Write C++ Program To Find Day name of a week using switch Statement

```
#include<iostream>
using namespace std;
int main()
{
int day;
cout<<"Program To Print The Day Of Week\n";
cout<<"Enter a number to print the day name ";
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<<"InvalidInput";
}
return 0;
}
```

### Output

```
Program To Print The Day Of Week
Enter a number print dayofweek
4
Wednesday
```

3. Find the sum of the squares of the first N natural numbers without using any formula

SOURCE CODE:

```
#include<iostream>

using namespace std;

int main()
{
int n,sum=0,i;
cout<<"Enter a digit ";
cin>>n;
for(i=0;i<=n;i++)
{
sum=sum+i*i;
}
cout<<"Sum of the squares = "<<sum;
return 0;
}
```

OUTPUT:

Enter a digit 5

Sum of the squares = 55

#### 4. Program to check whether a number is palindrome or not

```
#include <iostream>
using namespace std;

int main()
{
    int n, num, digit, rev = 0;

    cout << "Enter a positive number: ";
    cin >> num;

    n = num;

    do
    {
        digit = num % 10;
        rev = (rev * 10) + digit;
        num = num / 10;
    } while (num != 0);

    cout << " The reverse of the number is: " << rev << endl;

    if (n == rev)
        cout << " The number is a palindrome.";
    else
        cout << " The number is not a palindrome.";

    return 0;
}
```

#### **Output**

```
Enter a positive number: 12321
The reverse of the number is: 12321
The number is a palindrome.
```

```
Enter a positive number: 12331
The reverse of the number is: 13321
The number is not a palindrome.
```

# PARTB–HTML

5. Design a simple and attractive web page for Kerala tourism. It should contain features like background color/image, heading, text formatting, image and font tags etc:-

```
<HTML>
<HEAD>
<TITLE>KeralaTourism</TITLE>
</HEAD>
<BODY bgcolor=Yellow>
<FONT face="Dyuthi" color="blue">
<H1 Align="center">KERALA TOURISM</H1>
</FONT>
<HR>
<P align="center">
Kerala, a state situated on the tropical Malabar Coast of southwestern India,
is one of the most popular tourist destinations in the country. Named as one
of the ten paradises of the world by National Geographic Traveler, Kerala is
famous especially for its ecotourism initiatives and beautiful backwaters
</P>
<H2><U></U>Top Destinations</U></H2>
<IMG src="waterfall.jpg" height=300 width=300 Border=2>
<IMG src="padmanabhatemple.jpg" height=300 width=300 Border=2>
<IMG src="dharmadambeach.jpg" height=300 width=300 Border=2>
<IMG src="madayipara.jpg" height=300 width=300 Border=2>
</BODY>
</HTML>
```

## OUTPUT



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

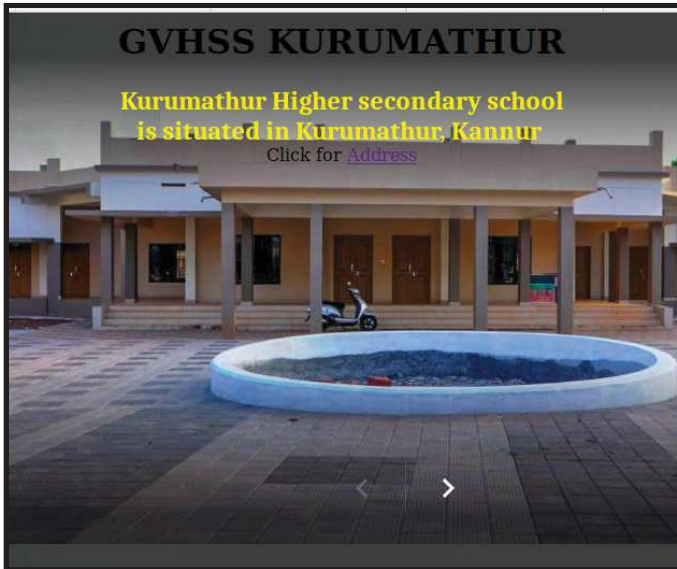
### School.html

```
<HTML>
<HEAD>
<TITLE>MYSCHOOL</TITLE>
</HEAD>
<BODY background="gvhss.jpg">
<CENTER>
<H1>GVHSS KURUMATHUR</H1>
<B>
<FONT face="Caladea" size=5 color="yellow">
    Kurumathur Higher secondary school<BR> is situated in
    Kurumathur, Kannur
</FONT>
</B>
<BR>
Click for <A href="Address.html">Address</A>
</CENTER>
</BODY>
</HTML>
```

### Address.html

```
<HTML>
<HEAD>
<TITLE>ADDRESS</TITLE>
</HEAD>
<BODY bgcolor="silver">
<H1>MY SCHOOL ADDRESS</H1>
<BR>
<FONT face="Caladea" size=5 color="Red">
GVHSS KURUMATHUR<BR>Kurumathur<BR>
Karimbam Via<BR>
Kannur<BR>
Kerala-670142
</FONT>
</BODY>
</HTML>
```

## Output



### **MY SCHOOL ADDRESS**

GVHSS KURUMATHUR  
Kurumathur  
Karimbam Via  
Kannur  
Kerala-670142



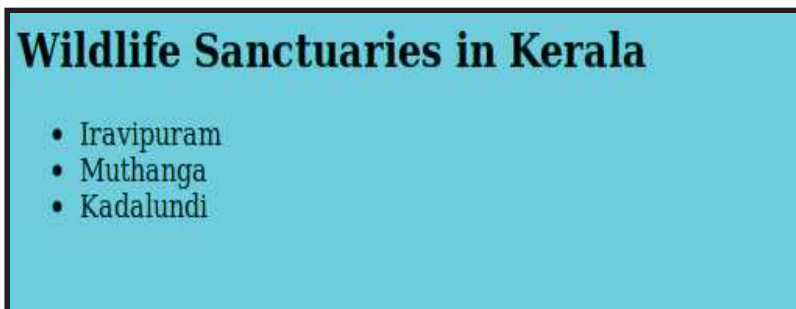
7.Design a webpage as shown below using appropriate list tags.

*Wildlife Sanctuaries in Kerala*

- *Iravipuram*
- *Muthanga*
- *Kadalundi*

```
<HTML>
  <HEAD>
    <TITLE>UNORDERED LIST</TITLE>
  </HEAD>
  <BODY bgcolor="cyan">
    <H2>Wildlife Sanctuaries in Kerala </H2>
    <UL>
      <LI>Iravipuram </LI>
      <LI>Muthanga </LI>
      <LI>Kadalundi </LI>
    </UL>
  </BODY>
</HTML>
```

Output



8.Design a web page containing a table as shown below.

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>

<BODY bgcolor="green">

<TABLE border=1>

<CAPTION>Speed Limits in Kerala</CAPTION>

<TR align=left>

<TH>Vehicle</TH>

<TH>Within<BR>

Corporation/Municipality<BR>

(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>

### Output

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