

```
#include <iostream>
using namespace std;
int main () {
    int num ;
    cout << " Input the digit to display in words : ";
    cin >> num ;
    switch(num) {
        case 0:
            cout << " Zero " ; break;
        case 1:
            cout << " One " ; break;
        case 2:
            cout << " Two " ; break;
        case 3:
            cout << " Three " ; break;
        case 4:
            cout << " Four " ; break;
        case 5:
            cout << " Five " ; break;
        case 6:
            cout << " Six " ; break ;
        case 7:
            cout << " Seven " ; break ;
        case 8:
            cout << " Eight " ; break ;
        case 9:
            cout << " Nine " ; break ;
        default :
            cout << " Invalid input " ;
    }
    return 0;
}
```

```

<iostream>
mespace std;
()

    at n ;
    out << " Enter a positive integer ( n ) : " ;
    in >> n ;
    at sum = 0;
    or ( for int i = 1; i <= n ; i ++ ) {
        sum += i ;
    }

    out << "The sum of the first " <<n << " natural numbers is: " << sum ;
    return 0;
}

```

```

// Palindrome program
#include <iostream>
using namespace std;

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

    cout << "Enter a positive number : ";
    while (n >= 0) {
        f = num;
        while (num > 0) {
            digit = num % 10;
            rev = (rev * 10) + digit;
            num = num / 10;
        }
        cout << "The reverse of the number is : " << rev;
        if (n == rev)
            cout << " \n The number is a palindrome .";
        else
            cout << " \n The number is not a palindrome .";
        n = 0;
    }
    return 0;
}

```

```

using namespace std;
}
int heights[20], i, j, n, temp;
cout << "Enter the number of students : \n ";
cin >> n;
cout << "Enter the heights of students : \n ";
for (i = 0; i < n; i++) {
    cout << "Student " << (i + 1) << " : ";
    cin >> heights[i];
    if (i % 5 == 0) {
        cout << "\n";
        i++;
    }
}
cout << "The Sorted Heights \n ";
for (i = 0; i < n; i++) {
    cout << heights[i] << " \n ";
}
return 0;
}

```

| | |
|---|---|
| ostream> space std; | #include #include using namespace struct stu |
| ir str[50] = ""; | ir |
| , length = 0; | cl |
| << "<< " Enter the string: "; | ir |
| getline(str, 50); | ir |
| i = 0; str[i] != '\0'; ++i) | ir |
| length ++; | int main() |
| << "<< " Length of the string is: " << length ; | st |
| rn 0; | Cl |
| | O |

```

ostream>
    space sid;
    int n)
{
    result = 1;
    for (int i = 1; i <= n; ++ i)
        result = result * i;
    return result;
}

int n, r, nCr;
cout << " Enter the value of n and r (positive integer) ";
int n >> n;
int r >> r;
nCr = fact (n) / ( fact (r) * fact ( n - r ) );
cout << " nCr is : " << nCr;

cout << " n and r must be non - negative integers and n > r ";
return 0;
}

```

```

// Swap operation using a user-defined function with pointer arguments
#include <iostream>
using namespace std;
int swap(int *x, int *y)
{
    int t;
    t = *x;
    *x = *y;
    *y = t;
}

int main()
{
    int a, b;
    cout <<< " Enter the values of a and b ";
    cin >>> a;
    cin >>> b;
    swap(&a, &b);
    cout <<< " In Before Swap\n ";
    cout <<< " a = " <<< a <<< " b = " <<< b;
    cout <<< " In After Swap\n ";
    cout <<< " a = " <<< a <<< " b = " <<< b;
}

```

```

    <stream>
    <dio>
    <ace std;
    {
        nNo;
        <ame [25];
        <Mark;
        <Mark;
        <ulMark; };
    }

    <ts>
    <<" Enter the student details : \n " ;
    <<" \n Admission Number : " ;
    <s.admNo;
    <<" \n Name : " ;
    <ws ;
    <title(s.name, 25) ;
    <<" \n CE Mark : " ;
    <s.ceMark;
    <<" \n PE Mark : " ;
    <s.peMark;
    <Mark = s.peMark + s.ceMark;
    <<" \n The Student Details \n " ;
    <<" \n Name : " <<s.name;
    <<" \n Admission No. : " << s.admNo ;
    <<" \n CE Mark : " << s.ceMark;
    <<" \n PE Mark : " << s.peMark ;
    <<" \n Total Mark : " << s.totalMark ;
    0; }

```

```

    break;
}

// Print the sum
cout << "Sum of squares: " << sum;

// End of program
return 0;
}

```

```
stream>
ace std;

n;
isPrime = true;
<< " Provide a positive number: ";
num;
n <- 1;
isPrime = false;

for ( int i = 2; i <= num / 2; i ++ ) {
    if ( num % i == 0 ) {
        isPrime = false; } }

time)
cout << " Number is prime ";

cout << " Number is not prime ";
0;
```

```

//Positive number and check if it is positive negative or zero
#include <iostream>
using namespace std;
int main()
{
    int num;
    cout << "Enter the integer to check: ";
    cin >> num;
    if (num > 0)
        cout << " \n The given number is Positive ";
    else if (num < 0)
        cout << " \n The given number is Negative ";
    else
        cout << " \n The given number is Zero ";
    return 0;
}

```

```
#include <iostream>
using namespace std;
long fact(int n)
{
    long result = 1;
    for (int i = 1; i <= n; ++i) {
        result = result * i;
    }
    return result;
}

int main() {
    int n;
    cout << " Enter the value of n(positive integer): ";
    cin >> n;
    cout << " factorial: " << fact(n);
    return 0;
}
```

```
Display day corresponding to the day number of the week
#include <iostream>
using namespace std;
int main() {
    int num;
    cout << " Input the day number of the week: ";
    cin >> num;
    switch(num) {
        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 input ";
    }
    return 0;
}
```

| | |
|--|--------------------------|
| tourism web page | IDH |
| <pre><html> <head> <title> Kerala Tourism </title> </head> <body background = "mountains.jpeg" bgcolor = "Green"> <h1 align = "center"> DEPARTMENT OF TOURISM </h1> <h2 align = "center"> Kerala State </h2> <h3> Kerala </h3>, in the south-western part of India, is a highly desirable tourist destination in Asia, often called color = "blue" face = "Cambria"> God's Own Country. It was recognized by National Geographic Traveller as one of the world's 50 lifetime destinations and one of the thirteen paradises on Earth. </pre> | <pre></HTML></pre> |

```
<link rel="stylesheet" type="text/css" href="css/mid.css">
```

```
</link>
```

```
<html>
```

```
<head>
```

```
<title> My School </title>
```

```
</head>
```

```
<body background = "school.jpg">
```

```
<h1 align = "center" color = "blue "> Govt. Tribal HSS Sholayoor</h1>
```

```
<br>
```

```
<p> Our school, located in the picturesque hilly region of Sholayoor within Palakkad District, is nestled in the captivating Attappadi mountain area a renowned hill station in Kerala. The school proudly offers four distinct batches of Higher Secondary Courses, namely Biology Science, Home Science, Commerce, and Sociology. -> From first standard to twelve about 800 students are studying here.<br> With a student body ranging from the first standard to the twelfth, we currently educate approximately 800 students. Furthermore, our school is supported by a dedicated team of about 35 staff members who work diligently to provide quality education.<br><a href="http://www.myschool.edu.in"> Click here for our school address </a>
```

```
</body>
```

```
</html>
```

```
</html> ->
```

```
<head>  
    <title> Address </title>  
</head>  
body>  
    <h2 align = "center" > Govt Tribal HSS </h2>  
    <address>  
        Govt Tribal HSS Sholayoor <BR>  
        Sholayoor Post <BR>  
        Attappadi, Mannarkkad <br>  
        Palakkad Dist <br>  
    </address>  
    <a href = "school.html"> back to school </a>  
</body>
```

```
</html>
```

d List Tags

```
body> <title>Entrance Exams After Plus Two</title> </head>  
  
<h1>Entrance Exams After Plus Two</h1>  
  
<ol>  
  
    <li> KEAM </li>  
    <li> JEE </li>  
    <li> NEET </li>  
  
</ol>  
</body>
```

```
</html>
```

```
<!--PAGE-->  
EAD>  
<TITLE> LOGIN </TITLE>  
EAD>  
<BODY align="center">  
  
<FORM>  
  
<H3>Client Login</H3> <br>  
User Name &nbsp;&nbsp;&;&nbsp;&nbsp;&; <INPUT Type = "Text "> <br> <br>  
Password &nbsp;&nbsp;&;&nbsp;&nbsp;&; <INPUT Type = "Password "> <br> <br>  
<INPUT Type = "Submit" value = "Submit"> &nbsp;&nbsp;&;&nbsp;&nbsp;&;  
<INPUT Type = "Reset" value = "Clear">  
  
</FORM>
```

```
<!--
-->
</!DOCTYPE html>
<html>
<head>
<title> Higher Education Institutions </title>
<body bgcolor = " Cyan ">
<h2> Leading Institutions in Kerala for Higher Education </h2 >
<ul>
<li><a href="#"> Indian Institute of Technology, Palakkad </a>
<li><a href="#"> National Institute of Technology, Calicut </a>
<li><a href="#"> Indian Institute of Science Education and Research, Thiruvananthapuram </a>
<li><a href="#"> National University of Advanced Legal Studies, Cochin </a>
<li><a href="#"> Indian Institute of Space science and Technology </a>
-->
</td>
```

```

terrestrial planets
<td> <title> Terrestrial Planets </title> </head>
<body>
<table border = "1">
<caption> <b> Terrestrial Planets </b> (Source NASA) </caption>
<tr>
<th> Planet </th>
<th> Day Length <br> (In Earth hour) </th>
<th> Year Length <br> (In Earth days) </th>
</tr>
<tr>
<td> Mercury </td>
<td> 1406 </td>
<td> 88 </td>
</tr>
<tr>
<td> Venus </td>
<td> 5832 </td>
<td> 224.7 </td>
</tr>
<tr>
<td> Earth </td>
<td> 24 </td>
<td> 365.26 </td>
</tr>
</table>
</body>

```

```
<script using="JavaScript">  
>  
<title> Case Converter </title>  
<script language = "javascript">  
    functionconvertToUpperCase() {  
        var textInput = document.myForm.textInput.value;  
        document.myForm.textInput.value = textInput.toUpperCase();  
    }  
    functionconvertToLowerCase() {  
        var textInput = document.myForm.textInput.value;  
        document.myForm.textInput.value = textInput.toLowerCase();  
    }  
</script>  
>  
  
<bgcolor = " green ">  
<b><br> lower case: the celebration of equality and simplicity in language and design </b><br>  
<form name = "myForm">  
<table>  
    <tr>  
        <td> Provide a text </td>  
        <td> <input type = "text" name = "textInput" /> </td>  
    </tr>  
    <tr>  
        <td> <input type = "button" onclick = "convertToUpperCase()" value = "ToUpperCase">  
        <td> <input type = "button" onclick = "convertToLowerCase()" value = "ToLowerCase">  
    </tr>  
</table>  
</form>  
</y>
```