



# LOVELY PROFESSIONAL UNIVERSITY

**CSE326: INTERNET PROGRAMMING LABORATORY**

## REPORT

**PROJECT TITLE: WEBSITE FOR CODING PRACTICE**

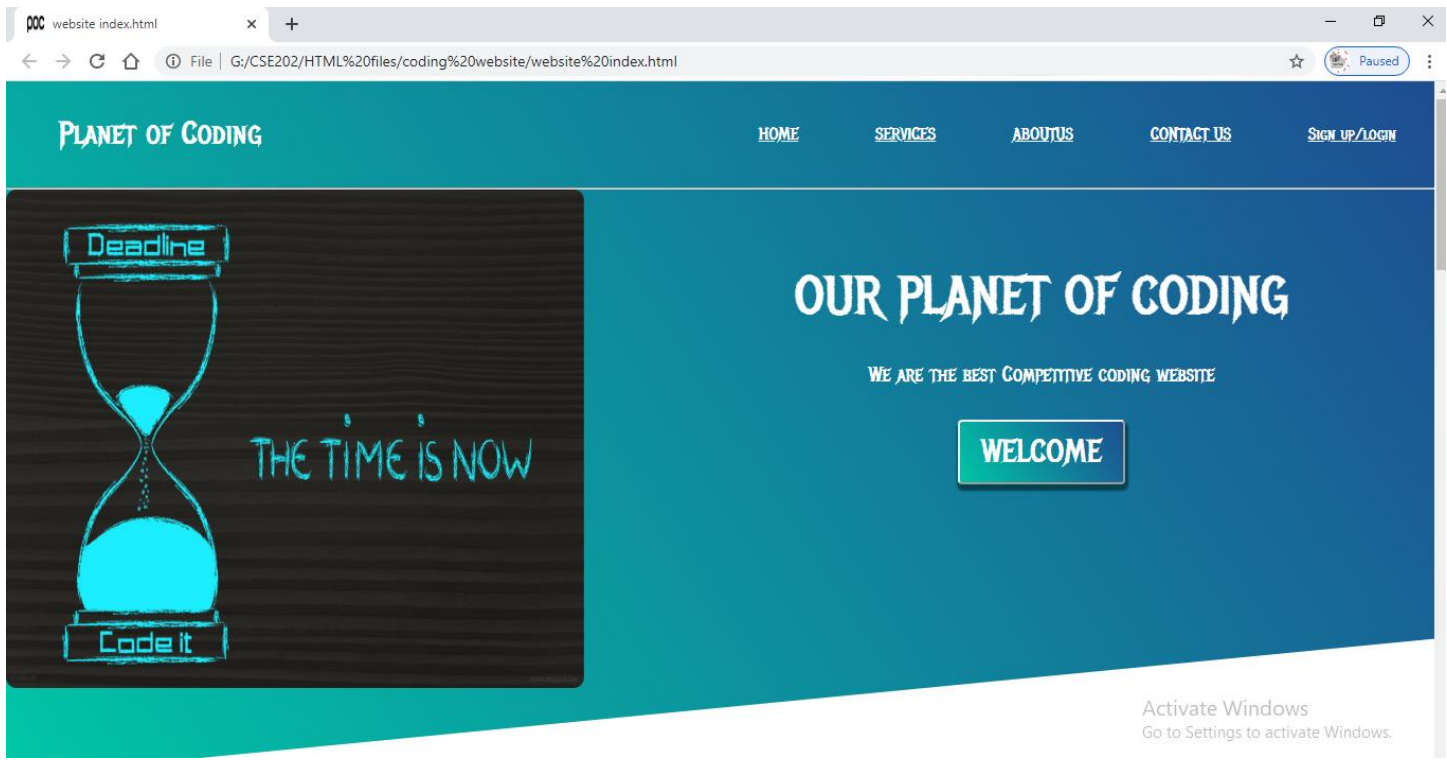


## POC(Planet of Coding)

REGISTRATION	NAME	ROLL NO.
11902395	ASHISH KUMAR	51
11902160	HEMANTH KUMAR	50
11902901	NASEER HUSSAIN	49

**SUBMITTED TO: SUKHVIR KAUR(K19SJ G-2)**

# Welcome to Our Website



- **poc** Logo of our Website which denote POC(Planet of Coding)
- Top side of the website , We have the navigation bar with following navigation point like: Home, Service, About Us, Contact Us, Signup and login



- Welcome button have the hover effect it change the color whenever cursor



is on the button

- Background is lifted from the right upper part of the screen this is because of the clip path :

clip-path: polygon(0% 0%,100% 0%, 100% 80%, 0% 99.8%);

With linear gradient background color :

background: linear-gradient(57deg, #00c6a7, #1e4d92);

- We are best competitive coding Website





PROGRAMMING QUESTIONS



CODING CHALLENGES



COMPETITION

[JOIN OUR COMMUNITY](#)

TRUSTED BY HIRING MANAGERS ACROSS 1,500+ COMPANIES



- Achievement of our website are :
  1. 4000+ Programming Question
  2. 1000+ Coding Challenges
  3. 500+ Competition
- “JOIN OUR COMMUNITY” have the hover effect as shown:



- Trusted By Hiring managers across 1500+ companies
- We are recruit in various companies likes
  1. Amazon
  2. Paypal
  3. Walmart labs
  4. Barclays
  5. Intruitt
  6. Dunnhumby
  7. Microsoft
  8. Codechef

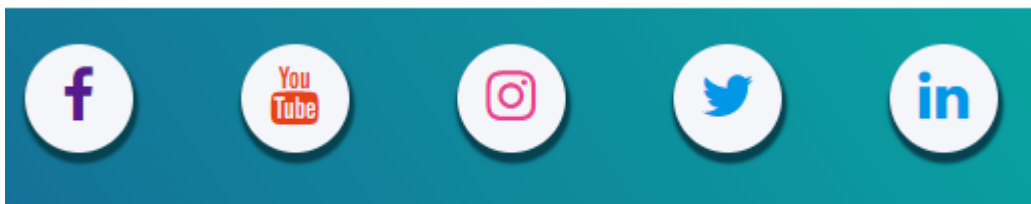
## POPULAR CODING LANGUAGES



Activate Windows  
Go to Settings to activate Windows.

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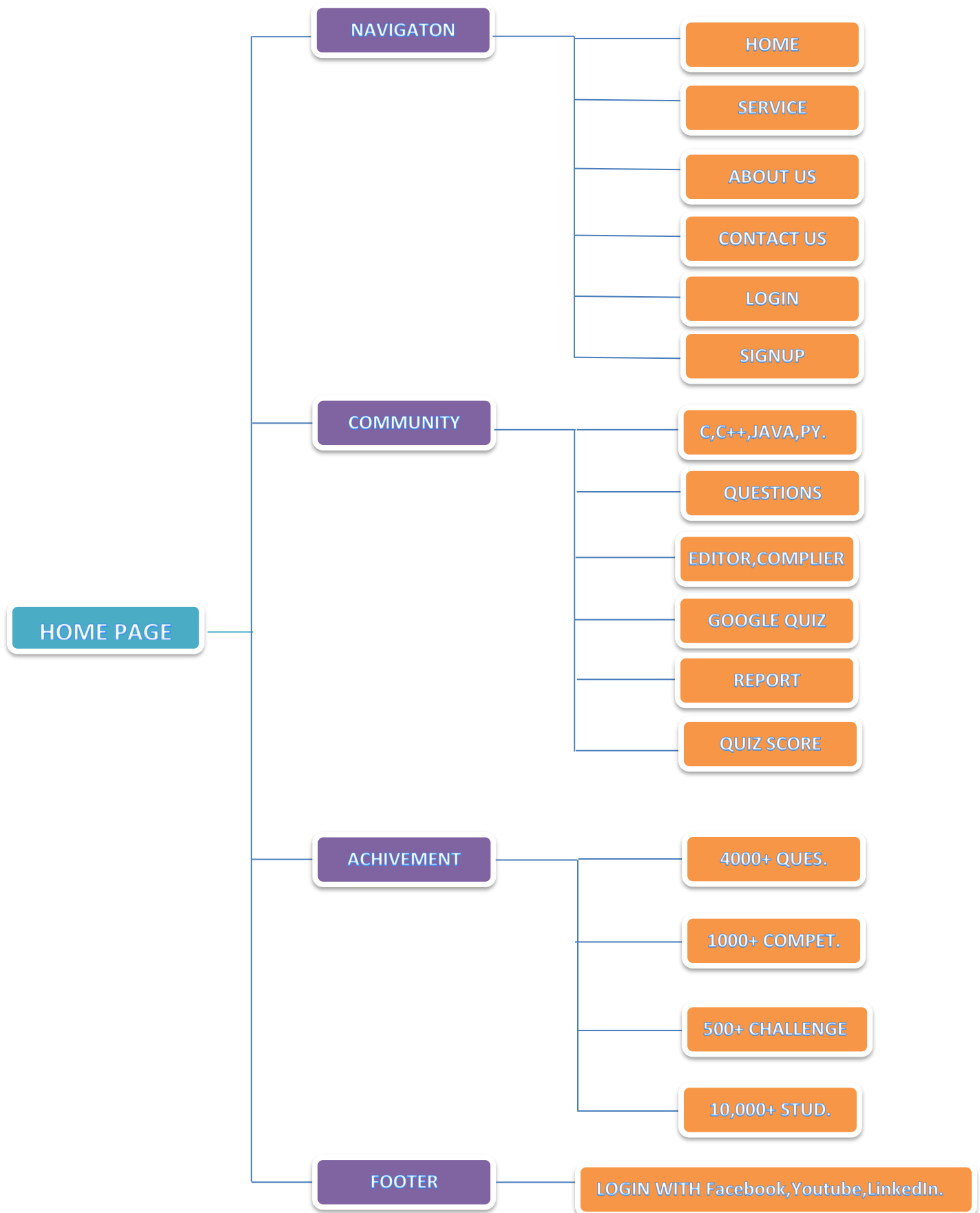
- Popular Coding language
  1. PHP
  2. C#
- All the language pic. have the hover effect it change their size whenever the cursor is coming over the pictures
- Footer is present in the bottom part of the website which have some special view which is taken from the Awesome-font



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- Awesome Font:
  1. `<i class="fa fa-2x fa-facebook"></i>`
  2. `<i class="fa fa-2x fa-youtube"></i>`
  3. `<i class="fa fa-2x fa-instagram"></i>`

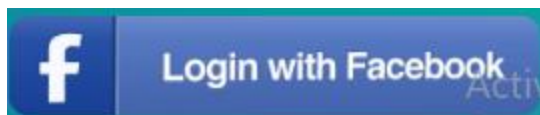
# FLOW DIAGRAM OF WEBSITE



- Form Validation : You do not move further without filling all the necessary information
- This form consist of:
  1. Username
  2. Password



- Login button have the hover effect its size increases whenever the cursor is coming over this button
- FORGOT PASSWORD: This is a link which is required to those candidate who forgot their password



- If any Candidate want to login through facebook account then, they have the permission to access through facebook account



- If you are new member to our website , then firstly you have to register yourself by providing all necessary detail like: your full name, e-mail, password and confirm password etc.



PLANET OF CODING

HOME

SERVICES

ABOUT US

CONTACT US

SIGNUP

HAVE AN ACCOUNT? LOG IN

FULL NAME

SOMEONE@ABC.COM

PASSWORD

CONFIRM PASSWORD


REGISTER


Activate Windows

Go to Settings to activate Windows.

- Form Validation : You do not move further without filling all the necessary information
- This form consist of following points:
  - Full Name
  - E-mail
  - Passsword
  - Confirm Password



- This register button have the hover effect whenever the cursor is coming over it ,its size increases upto 1.3 scale
- 
 There is also a hover effect on login which chane its color from white to black and increases its sizes upto 10% ,Now if you have already a account you can also login by clicking on it

- 
 This Symbol represent that now you are LOGIN SUCCESSFULLY!



ASHISH KUMAR  
NOW, LOGIN SUCCESSFULLY!

LOGOUT

Activate Windows  
Go to Settings to activate Windows.

- This webpage represent that your login is successful

LOGOUT

- This logout button have the hover effect its size increase whenever the cursor is coming over it

JOIN OUR COMMUNITY

- After clicking on this button you directly goto the main page that is called coding page where you can in practice your code in various language and we also provide the facility of complier by which you can compile your code and got various question to solve it



Ashish Kumar (CEO of Planet of Coding)



[START CODING](#)

CHOOSE YOUR CODING LANGUAGE

PYTHON

C++

JAVA

C

C#

PHP

RUBY

VB NET

SQL

RUST

SWIFT

FALCON

ICON

Activate Windows  
Go to Settings to activate Windows.

- On this page we provide you the opportunity to develop your coding skill in various languages like:
  1. Python
  2. C++
  3. C
  4. Java, etc.

[START CODING](#)

CHOOSE YOUR CODING LANGUAGE

This Start Coding

button have the hover effect its size increase whenever the cursor is coming over it

JAVA

This Java button have the hover effect its changes

the color as well as the font color from blue to white whenever the cursor is coming over it

- After pressing on this button you directly go to the iframe of compiler

```

1 procedure main()
2   x := 1340;
3   y := 2325;
4   z := x + y;
5
6   write ("sum of ", x, " and ", y, " is ", z);
7 end

```

CommandLine Arguments

☐ Interactive Mode

Stdin Inputs

**Execute** ...

Result

## ★★★★★ Google Interview Question

### 1.1

Initially a robot is placed at the bottom left corner of M x N matrix. The exit is at the bottom right corner.

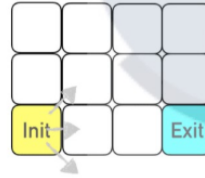
From any point in the matrix, the robot can make a move to one of the 3 blocks - the block to its right, the block at its top-right or the block at its bottom right. though it must not go out of the matrix area.

Find out the total number of ways for the robot to move from bottom left to bottom right of the matrix.

Expected complexity -  $O(MN)$  time,  $O(M)$  space.

Input

M = 3, N = 4



Output

4

Explain

1st way (2, 0) - (2, 1) - (2, 2) - (2, 3)

2nd way (2, 0) - (1, 1) - (2, 2) - (2, 3)

- On the left side of the website we have the compiler and editor where we write our code and check whether it is correct or not
- On the right side of the page we have the question which we have to solve and got the respected output as per the input



- This is an executing button which is used to executed the data that are present in the editor and the right side button which is used to save the file to the local disk or to the physical memory and also to print your code

Result

JDoodle in Action.... Running the program...

- This signify that Jdoodle our online compiler is now compiling that data and "Running the program"

CPU Time: 0.00 sec(s), Memory: 2840 kilobyte(s)  
compiled and executed in 0.927 sec(s)

sum of 1340 and 2325 is 3665

Translating:  
jdoodle.icn:  
main  
No errors  
Linking:

- This signify that there is no error in the code and your code run smoothly and represent your answer with compile time and excuting time, memory that are allocated for that program

START QUIZES

## Programming Quiz

```
#include<stdio.h> int main() { static int var = 5; printf("%d ",var--); 5 points  
if(var) main(); }
```

- ☐ compile error
- ☐ run time erroe
- ☐ zero
- ☐ some garbage value

```
#include<stdio.h> int main() { static int i=5; if(--i){ main();  
printf("%d ",i); } }
```

5 points

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- Programming Quiz is to test whether the student have the full knowledge if coding language or not

START QUIZES

- This Start Quiz button have the hover effect its changes the color as well as the font color from white to black whenever the cursor is coming over it

## Programming Quiz

Total points 45/50

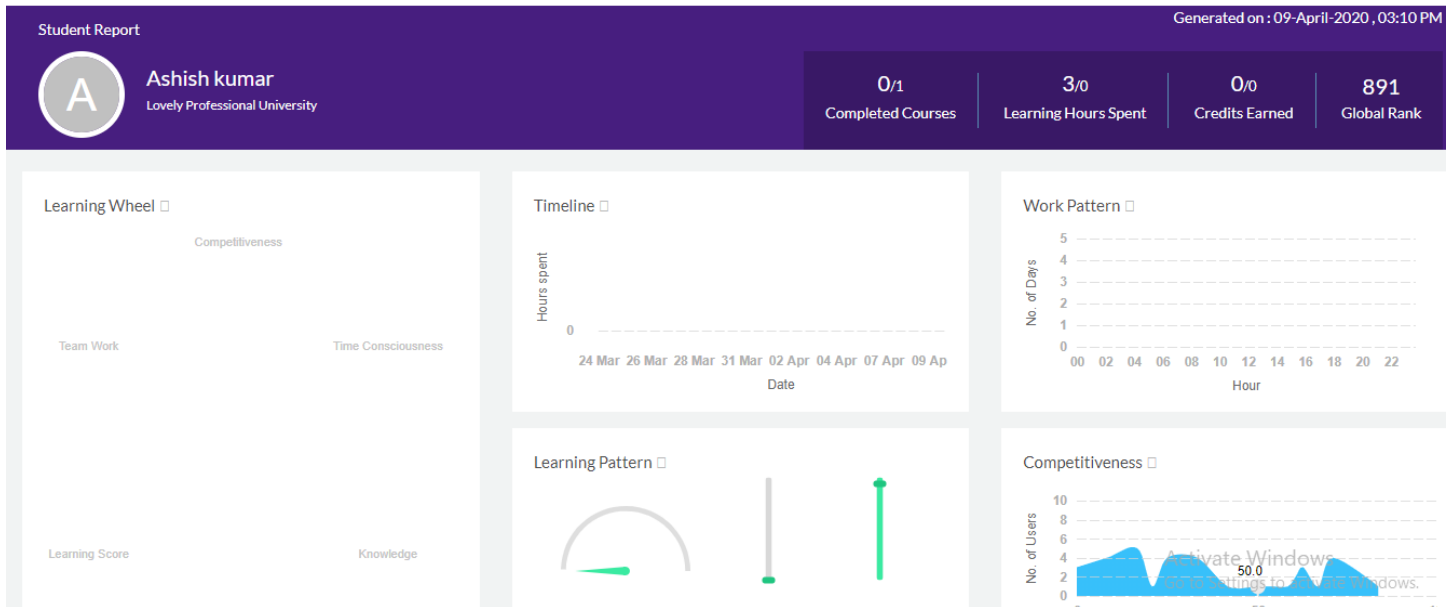
✓ #include<stdio.h> int main() { static int var = 5; printf("%d ",var--); if(var) 5/5  
main(); }

- ☐ compile error
- ☐ run time erroe
- ☐ zero
- ☒ some garbage value



- This Webpage show your score which you gain in Quiz of programming language

# YOUR REPORT ANALYSIS



- Report Analysis :In this analysis we tell you about the following point like:
  1. Completed Course
  2. Learning Hours Spent
  3. Credits Earned
  4. Global Rank
- We also explain in terms of graph that what is your progress in terms of learning coding language
- Most of the Graph Represent are:
  1. Learning Wheel
  2. Timeline
  3. Work Pattern
  4. Learning Pattern
  5. Competitive
  6. Growing Scale
  7. Time Mangement
  8. Global Scale
  9. Speed
  10. Learning management
  11. Flow of Design
  12. Practice Question

# OUR TEAM



## WORK ANALYSIS

- **Hemanth Kumar:** Work on decoration and content of signup page
- **Naseer Hussian:** Work on decoration and content of login page
- **Ashish Kumar:** Work on Homepage, Service Page, Aboutus Page , Contactus Page, Color theme, Content, Effect, Portfolio, Compiler, Editor, Question Formation, Daily Quiz, of the website.



ASHISH KUMAR

Hi,

I AM ASHISH KUMAR, CEO OF PLANET OF CODING. I, ALONG WITH MY TEAM ARE VERY EXCITED TO PRESENT - PLANET OF CODING(POC) - A NON-COMMERCIAL, SOCIAL, COMMUNITY-BASED PROGRAMMING CONTEST. POC IS A PROJECT I AM PERSONALLY INVOLVED IN. I HAVE ALWAYS BEEN PASSIONATE ABOUT PROGRAMMING.



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- Ashish kumar: CEO of POC(Planet of Coding) ,Web Designer
- Hemanth kumar: CTO of POC(Planet of Coding)
- Naseer Hussain: CFO of POC(Planet of Coding)

PLANET OF CODING

HOME

SERVICES

ABOUT US

CONTACT US

CONTACT Us

MOBILE No.+91-9318469966

NAME

SOMEONE@PABC.COM

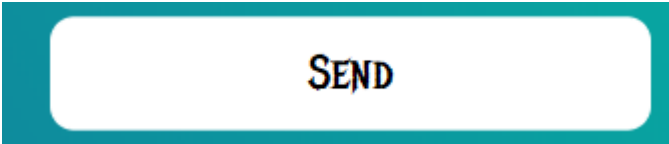
REMARK

SUGGESTION

SEND

Activate Windows  
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- ContactUs Page: This page you can send a message to our company in this you can wrote about our services ,Remarks ,Suggestion, Feedback and any query related to our Website
- You can contact us with our Mobile no+91-9318469966



- This Send button have the hover effect its changes the color as well as the font color from white to black whenever the cursor is coming over it.

