



IBM CAREER EDUCATION

MAIN PROJECT

DOMAIN NAME:JAVA

INTEREST CALCULATOR

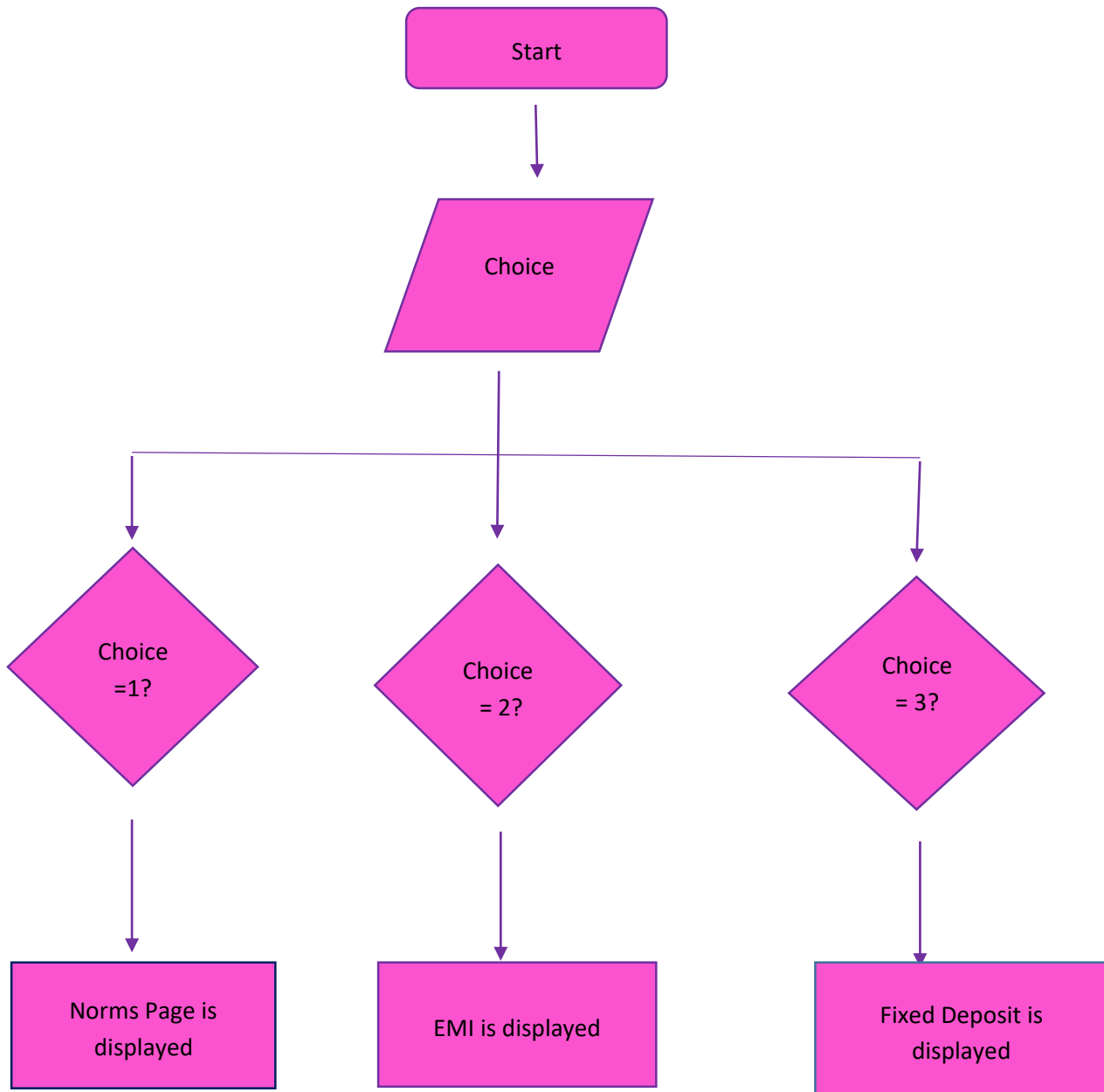
Submitted By:

<u>Name</u>	<u>Enroll No.</u>	<u>Course</u>	<u>Semester/Year</u>	<u>Class</u>
Prachi Bhatt	02	CBA	3 rd /II year	A
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Priyanshi Parekh	16	CBA	3 rd /II year	A

Submitted To:

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Trainer)

FLOWCHART



SOFTWARE SPECIFICATIONS

- OPERATING SYSTEM : Windows
- ENVIRONMENT : JRE(Windows)

HARDWARE SPECIFICATIONS

- PROCESSOR : Intel(R) CORE(TM)
i3-7020u CPU @
2.30GHz 2.30 GHz
- RAM : 8.00 GB
- MONITOR : 15" COLOR
- HARD DISK : 40 GB
- FLOPPY DRIVE : 1.44 MB

INTRODUCTION:

- Interest is the compensation paid by the borrower to the lender for the use of money as a percent, or an amount. The concept of interest is the backbone behind most financial instruments in the world.
- Interest Calculator can help determine the interest payments and final balances on not only fixed principal amounts, but also additional periodic contributions.

DESCRIPTION:

- This project aims in developing a computerized system to maintain all the daily transactions of a bank. It is used by the banks to manage the interests given on a particular amount using a computerized system where he/she can record various transactions of *fixed deposits*, *EMI's* etc.

PROS:

- Time is consumed less.
- It is convenient.
- Reduces human effort.
- Risk of losing record is reduced.
- Saves the cost of stationary.

CONS:

- Software needs to be updated regularly and maintaining it can be a tedious process sometimes.

INTEREST CALCULATOR

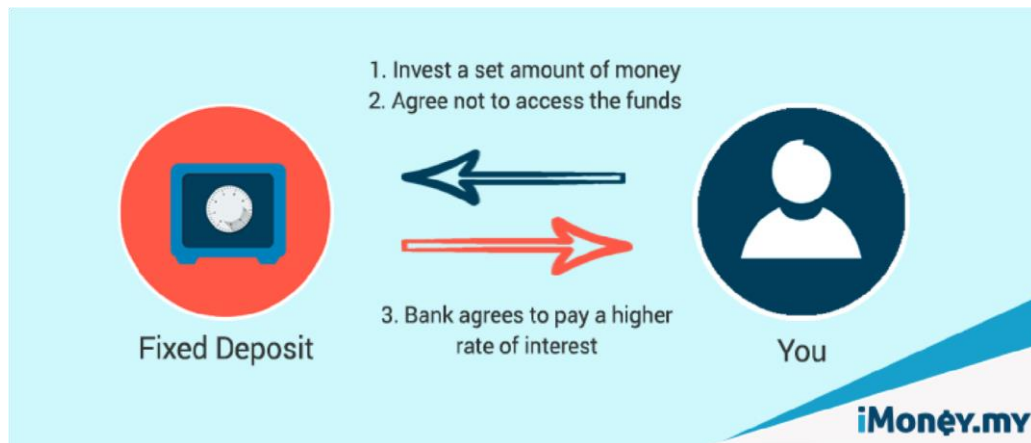
➡ PICTURES

Best 5-Year Fixed Deposits
Top Banks in India (2019)

Bank Name	Regular	Senior Citizen
SBI Bank	6%	6.50%
Icici Bank	6.50%	7%
Axis Bank	6.90%	7.40%
Yes Bank	6.75%	7.25%
Citi Bank	5%	5.50%

FD Amount	100,000.00		
Tenor	Years 1	Months 0	Days 15
Rate of Interest	9.25%		
Compounding	Quarterly		
FD Maturity Amount	109,988.40		
Required Maturity Amount	150,000.00		
FD Amount required	136,378.01		

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EMI TENURE REDUCES			
If the borrower increases EMI payment by	5% EVERY YEAR	10% EVERY YEAR	15% EVERY YEAR
	Loan will be repaid in		
	12 YEARS 1 MONTH	9 YEARS 6 MONTHS	8 YEARS 1 MONTH

INTEREST CALCULATOR

AIM:

- To implement a java program which creates an interest calculator that includes:
 - a) Viewing the Norms Page.
 - b) Calculating EMI's.
 - c) Calculating Fixed Deposit.
 - d) Showing the interest calculated.

PROGRAM:

■ **HTML CODE:-**

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<title>Interest Calculator</title>
```

```
<meta content="width=device-width, initial-scale=1.0"
name="viewport">
```

```
<meta content="" name="keywords">
```

```
<meta content="" name="description">
```

<!-- Favicons -->

<link href="img/favicon.png" rel="icon">

<link href="img/apple-touch-icon.png" rel="apple-touch-icon">

<!-- Google Fonts -->

<link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,700,700i|Montserrat:300,400,500,700" rel="stylesheet">

<!-- BootstrapCSS File -->

<link href="lib/bootstrap/css/bootstrap.min.css"
rel="stylesheet">

<!-- Libraries CSS Files -->

<link href="lib/font-awesome/css/font-awesome.min.css"
rel="stylesheet">

<link href="lib/animate/animate.min.css" rel="stylesheet">

<link href="lib/ionicons/css/ionicons.min.css" rel="stylesheet">

<link href="lib/owlcarousel/assets/owl.carousel.min.css"
rel="stylesheet">

```
<link href="lib/lightbox/css/lightbox.min.css" rel="stylesheet"> <!--
- Main Stylesheet File -->
```

```
<link href="css/style.css" rel="stylesheet">
```

```
</head>
```

```
<body>
```

```
<!--=====
```

```
Header
```

```
=====-->
```

```
<header id="header">
```

```
<div class="container-fluid">
```

```
<div id="logo" class="pull-left">
```

```
<h1><a href="#intro" class="scrollto">IC</a></h1>
```

```
</div>
```

```
<nav id="nav-menu-container">
```

```
<ul class="nav-menu">
```

```

        <li class="menu-active"><a
href="#intro">Home</a></li>
        <li><a href="#about">About Us</a></li>

        <li><a href="#services">Services</a></li>

        <li><a href="#team">Team</a></li>

        <li><a
href="file:///C:/Users/Admin/Desktop/BizPage/Login_v8/index.ht
ml">Log In</a></li>

        <li><a href="#contact">Contact</a></li>

    </ul>

</nav>

<!-- #nav-menu-container -->

</div>

</header>

<!-- #header -->

<!--=====

Intro Section

=====-->

<section id="intro">

    <div class="intro-container">

```

```
<div id="introCarousel" class="carousel slide carousel-fade" data-ride="carousel">
```

```
<ol class="carousel-indicators"></ol>
```

```
<div class="carousel-inner" role="listbox">
```

```
<div class="carousel-item active">
```

```
<div class="carousel-background"></div>
```

```
<div class="carousel-container">
```

```
<div class="carousel-content">
```

```
<h2>We are professional</h2>
```

```
<p>We are the future of Banking, IC provides Interest calculator which helps you with your Banking issues. </p>
```

```
<a href="#featured-services" class="btn-getstarted scrollto">Get Started</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
<!-- #intro -->
```

```
<main id="main">
```

```
<!--=====
```

About Us Section

```
=====-->
```

```
<section id="about">
```

```
<div class="container">
```

```
<header class="section-header">
```

```
<h3>About Us</h3>
```

```
<p>IC's Interest calculator's main use is to calculate
the interest that we have to either pay or receive on a respective
amount. It will provide you the interest you have to receive or you
have to pay in just mere seconds of entering the
amount..</p>
```

```
</header>
```

<div class="row about-cols">

<div class="col-md-4 wow fadeInUp">
<div class="about-col">

<h2 class="title">NORMS</h2>

<p>

<center>Fixed Deposit</center>
 1.
Taxation Treatment of FD Interest: Interest earned on fixed deposits is fully taxable. It is assessed as per the slab rate applicable to your entire taxable income along with applicable surcharge/chess.

For example, if your taxable income for FY 2019-2020 is Rs. 10 lakhs, then the total earned by you as interest on your fixed deposit will be assessed at 20% (income tax slab rate for taxable income Rs. 10 lakh).

 2. TDS

On Fixed Deposits: The levy on FD interest is a Tax Deducted at Source (TDS) and is paid by the bank on your behalf at the time the interest is credited to your account and not at the time of maturity of the term deposit.

3.If the amount of FD interest exceeds Rs. 10,000 (this limit has been projected to be hiked to Rs. 40,000 in the Interim Budget 2019) in a fiscal year, the TDS is deducted by the bank at the rate of 10% if PAN (Permanent

Invoice Number) is supplied, otherwise at the rate of 20%. Therefore, if there is any deficit/surplus TDS paid by the bank on your FD interest, the remainder is payable/receivable by you. No TDS is applicable to the Post Office

Term Deposits (POTD) thus, individuals need to declare interest earned on post office fixed deposits while filing their income tax return.

 4. Tax Exemption for Senior Citizens: No TDS is applicable for the FD interest of

Older Citizens (individuals aged 60 years or more) if the interest amount does not exceed Rs 50,000 in a fiscal year.

 5. Tax Benefit: Only fixed deposits made for a fixed period of 5 years qualifies for a taxation discount

Of up to Rs. 1.5 lakh under Section 80C of the Income Tax Act. Premature withdrawals of tax-saving fixed deposits may attract penalty charges.

 6. Additional Tax Benefit for Senior Citizens: According to Section 80TTB, senior

Citizens are eligible to take a discount of up to Rs. 50,000 on the interest income earned from fixed deposits.

<center>EMI</center>

1) An equated monthly installment (EMI) is a fixed payment made by a borrower to a lender on a fixed date of each month. <Bar><bar> 2) EMIs allow borrowers the peace of mind of knowing precisely how much money they will necessitate to pay each month toward their loan.

<Bar><bar>3) EMIs can be computed in two ways: the flat-rate method or the reducing-balance method.

 4)How EMI works? EMIs differ from variable payment plans, in which the borrower is able to pay higher payment amounts at his or

Her discretion. In EMI plans, borrowers are normally only allowed one set payment amount each month. The welfare of an EMI for borrowers is that they know exactly how much money they will require to pay toward their loan

Each month, which causes their personal budgeting process more comfortable. The main benefit of an EMI is to produce your personal budgeting process more comfortable. The EMI can be computed using either the flat-rate method or the reducing-balance

Method. The EMI flat-rate formula is computed by summing together the primary loan sum and the interest on the principal and dividing the result by the number of periods multiplied by the number of months. The EMI

The reducing - balance method is calculated using the formula shown below, in which P is the principal amount borrowed, I am, the annual interest rate, r is the periodic monthly interest rate, n is the total number of monthly

Payments, and it is the number of months in a year.

$$EMI = \frac{P \times I \times ((1 + r)^n)}{(1 + r)^n - 1}$$

```
<!-- #about -->
```

```
<!--=====
```

Services Section

```
=====-->
```

```
<section id="services">
```

```
<div class="container">
```

```
<header class="section-header wow fadeInUp">
```

```
<h3>Services</h3>
```

```
<p>IC provides two calculators. One is Fixed Deposit  
calculator and other is EMI calculator for Interest calculation.</p>  
</header>
```

```
<div class="row">
```

```
<div class="col-lg-4 col-md-6 box wow bounceInUp" data-  
wow-duration="1.4s">
```

```
<h4 class="title"><a href="">Fixed  
Deposit</a></h4>
```

<p class="description">It will calculate the interest generated on fixed amounts that are deposited by the customers.

</p>

</div>

<div class="col-lg-4 col-md-6 box wow bounceInUp" data-wow-duration="1.4s">

<h4 class="title">EMI</h4>

<p class="description">EMI means equated monthly Instalments,

Which is a fixed payment amount established by a borrower to a lender at a designated date each calendar month. EMI's are used to pay off both interest and principal each month so that over a stipulated number of years, the loan is paid off in total.

EMI calculator will work out these monthly instalments.

</p>

</div>

</div>

```
</div>
```

```
</section>
```

```
<!-- #services -->
```

```
<!--=====
```

Team Section

```
=====-->
```

```
<section id="team">
```

```
<div class="container">
```

```
<div class="section-header wow fadeInUp">
```

```
<h3>Team</h3>
```

```
</div>
```

```
<div class="row">
```

```
<div class="col-lg-3 col-md-6 wow fadeInUp">
```

```
<div class="member">
```

```

```

```
<div class="member-info">
```

```
<div class="member-info-content">
```

```
<h4>Priyanshi Parekh</h4>
```

```
<span>Member 1</span>
```

```
<div class="social">
```

```
<a href=""><i class="fa fatwitter"></i></a>
```

```
<a href=""><i class="fa fafacebook"></i></a>
```

```
<a href=""><i class="fa fa-  
googleplus"></i></a>
```

```
<a href=""><i class="fa falinkedin"></i></a>  
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="col-lg-3 col-md-6 wow fadeInUp" data-wow-  
delay="0.1s">
```

```
<div class="member">
```

```

```

```
<div class="member-info">
```

```
<div class="member-info-content">
```

```
<h4>Muskan Jain</h4>
```

```
<span>Member 2</span>
```

```
<div class="social">
```

```
<a href=""><i class="fa fatwitter"></i></a>
```

```
<a href=""><i class="fa fafacebook"></i></a>
```

```
<a href=""><i class="fa fa-  
googleplus"></i></a>
```

```
<a href=""><i class="fa falinkedin"></i></a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="col-lg-3 col-md-6 wow fadeInUp" data-wow-  
delay="0.2s">
```

```
<div class="member">
```

```

```

```
<div class="member-info">
```

```
<div class="member-info-content">
```

```
<h4>Prachi Bhatt</h4>
```

```
<span>Member 3</span>
```

```
<div class="social">
```

```
<a href=""><i class="fa fatwitter"></i></a>
```

```
<a href=""><i class="fa fafacebook"></i></a>
```

```
<a href=""><i class="fa fa-  
googleplus"></i></a>
```

```
<a href=""><i class="fa falinkedin"></i></a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
<!-- #team -->
```

```
<!--=====
```

```
Contact Section =====>
```

```
<section id="contact" class="section-bg wow fadeInUp">
```

```
<div class="container">
```

```
<div class="section-header">
```

```
<h3>Contact Us</h3>
```

```
<p>Please feel free to get hold of us at any moment.
```

```
</p>
```

```
</div>
```

```
<div class="row contact-info">
```

```
<div class="col-md-4">
```

```
<div class="contact-address">
```

```
<i class="ion-ios-location-outline"></i>
```


<h3>Address</h3>

<address>ICT, Ganpat University, SG Highway,
and Ahemdabad, Gujarat, India </address>

</div>

</div>

<div class="col-md-4">

<div class="contact-phone">

<i class="ion-ios-telephone-outline"></i>

<h3>Phone Number</h3>

<p>+91 5589
55488 5</p>

</div>

</div>

<div class="col-md-4">

<div class="contact-email">

<i class="ion-ios-email-outline"></i>

<h3>Email</h3>

<p>ic@gmail.com</p>

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="form">
```

```
  <div id="sendmessage">Your message has been sent.  
  Thank you! </div>
```

```
  <div id="errorMessage"></div>
```

```
  <form action="" method="post" role="form"  
  class="contactForm">
```

```
    <div class="form-row">
```

```
      <div class="form-group col-md-6">
```

```
        <input type="text" name="name"  
        class="formcontrol" id="name" placeholder="Your Name"  
        datarule="minlen:4" data-msg="Please enter at least 4 chars" />
```

```
      <div class="validation"></div>
```

```
    </div>
```

```
  <div class="form-group col-md-6">
```

```
    <input type="email" class="form-control"  
    name="email" id="email" placeholder="Your Email" datarule="email"  
    data-msg="Please enter a valid email" />
```

```
<div class="validation"></div>
```

```
</div>
```

```
</div>
```

```
<div class="form-group">
```

```

      <input      type="text"      class="form-control"
name="subject"      id="subject"      placeholder="Subject"
data-rule="minlen:4" data-msg="Please enter at least 8 chars of
subject" />

```

```
<div class="validation"></div>
```

```
</div>
```

```
<div class="form-group">
```

```

      <textarea class="form-control" name="message"
rows="5" data-rule="required" data-msg="Please write something
for us" placeholder="Message"></textarea>

```

```
<div class="validation"></div>
```

```
</div>
```

```

      <div class="text-center"><button
type="submit">Send Message</button></div>

```

```
</form>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
<!-- #contact -->
```

```
</main>
```

```
<!--=====
```

Footer

```
=====-->
```

```
<footer id="footer">
```

```
<div class="footer-top">
```

```
<div class="container">
```

```
<div class="row">
```

```
<div class="col-lg-3 col-md-6 footer-info">
```

```
<h3>IC</h3>
```

```
<p>We are the future of banking. Ready to help you  
in all aspects of funding and loans.</p>
```

```
</div>
```

```
<div class="col-lg-3 col-md-6 footer-links">
```

<h4>Useful Links</h4>

<i class="ion-ios-arrow-right"></i> Home

<i class="ion-ios-arrow-right"></i> About us

<i class="ion-ios-arrow-right"></i> Services

<i class="ion-ios-arrow-right"></i> Terms of service

<i class="ion-ios-arrow-right"></i> Privacy policy

</div>

<div class="col-lg-3 col-md-6 footer-contact">

<h4>Contact Us</h4>

<p>

ICT, Ganpat University
 Ahemdabad,
385004
 India

Phone: +91 5589 55488 5

Email: ic@gmail.com

</p>

<div class="social-links">

<i class="fa
fatwitter"></i>

<i class="fa
fafacebook"></i>

<i class="fa
fainstagram"></i>

<i class="fa
fagooogle-plus"></i>

<i class="fa
falinkedin"></i>

</div>

</div>

<div class="col-lg-3 col-md-6 footer-newsletter">

<h4>Our Newsletter</h4>

<p>We'll send you updates on our latest launches
and more.
 Need to take off? Unsubscribe at any time. </p>

<form action="" method="post">

```
        <input type="email" name="email"><input  
type="submit" value="Subscribe">
```

```
    </form>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="container">
```

```
    <div class="copyright">
```

```
        &copy; Copyright <strong>IC</strong>. All Rights  
Reserved
```

```
    </div>
```

```
    <div class="credits">
```

```
        Designed by <a href="#">IC</a>
```

```
    </div>
```

```
</div>
```

```
</footer>
```

```
<!-- #footer -->
```

```
<a href="#" class="back-to-top"><i class="fa fa-  
chevronup"></i></a>
```

```
<!-- Uncomment below if you want to use a preloader -->
```

```
<!-- <div id="preloader"></div> -->
```

```
<!-- JavaScript Libraries -->
```

```
<script src="lib/jquery/jquery.min.js"></script>
```

```
<script src="lib/jquery/jquery-migrate.min.js"></script>
```

```
<script src="lib/bootstrap/js/bootstrap.bundle.min.js"></script>
```

```
<script src="lib/easing/easing.min.js"></script>
```

```
<script src="lib/superfish/hoverIntent.js"></script>
```

```
<script src="lib/superfish/superfish.min.js"></script>
```

```
<script src="lib/wow/wow.min.js"></script>
```

```
<script src="lib/waypoints/waypoints.min.js"></script>
```

```
<script src="lib/counterup/counterup.min.js"></script>
```

```
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
```

```
<script src="lib/isotope/isotope.pkgd.min.js"></script>
```

```
<script src="lib/lightbox/js/lightbox.min.js"></script>
```

```
<script src="lib/touchSwipe/jquery.touchSwipe.min.js"></script>
```



```
<!-- Contact Form JavaScript File -->
```

```
<script src="contactform/contactform.js"></script>
```

```
<!-- Template Main Javascript File -->
```

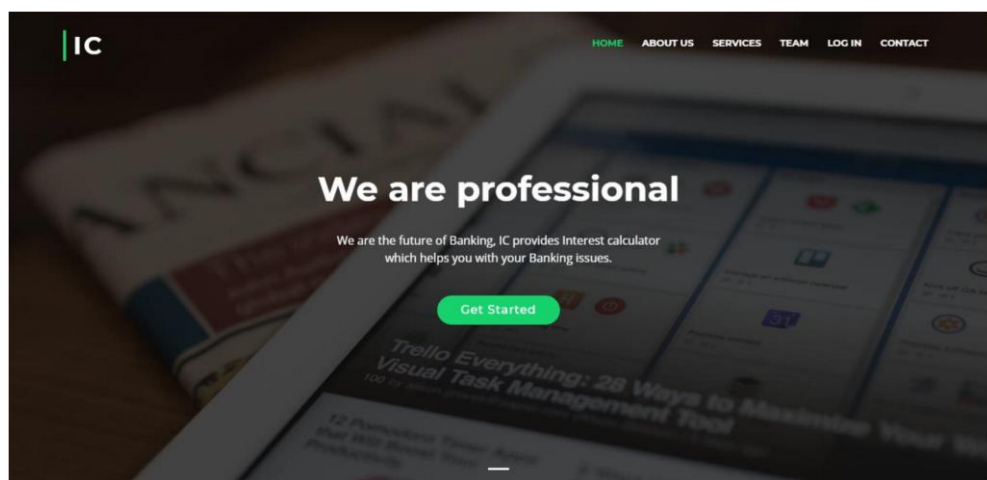
```
<script src="js/main.js"></script>
```

```
</body>
```

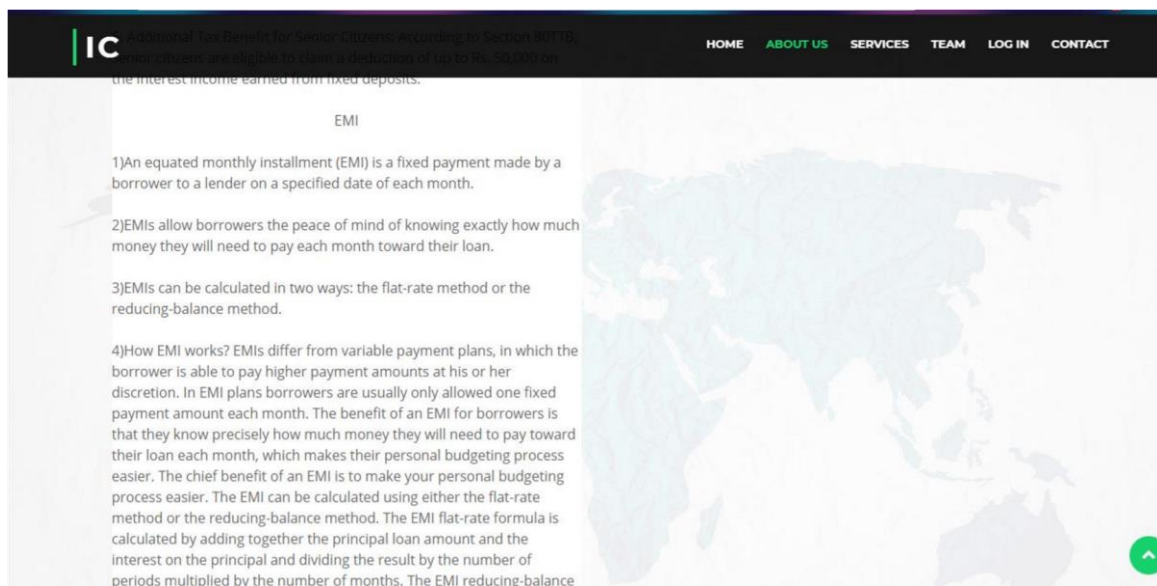
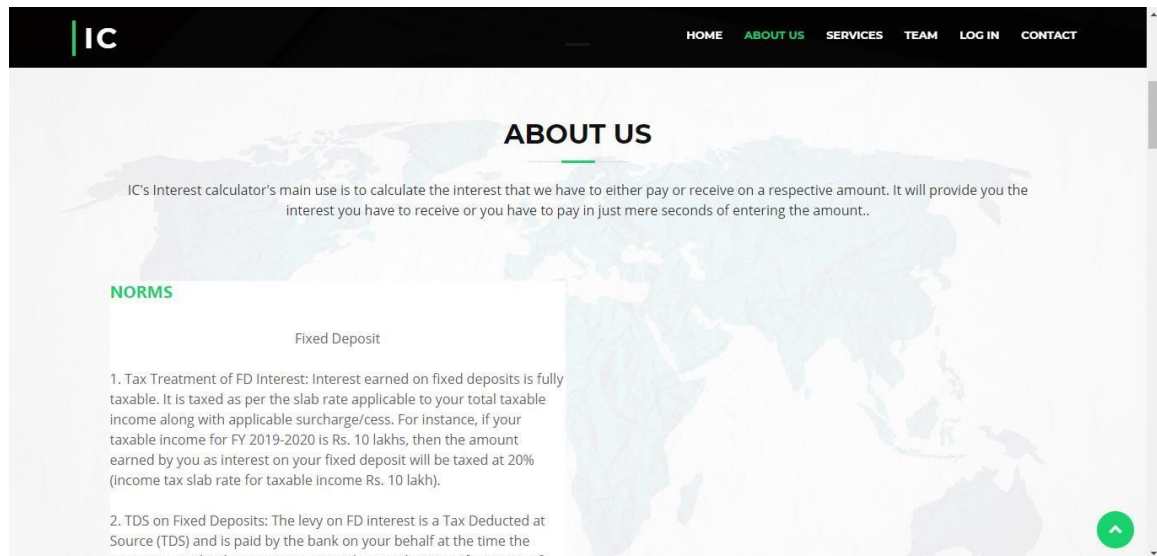
```
</html>
```

OUTPUT :-

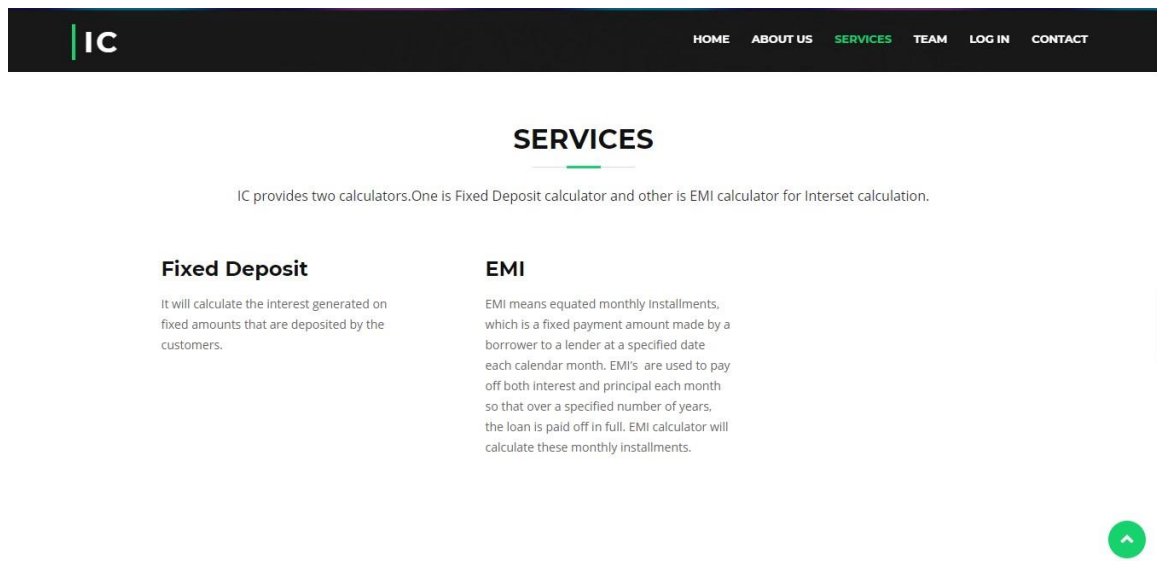
► Home Page



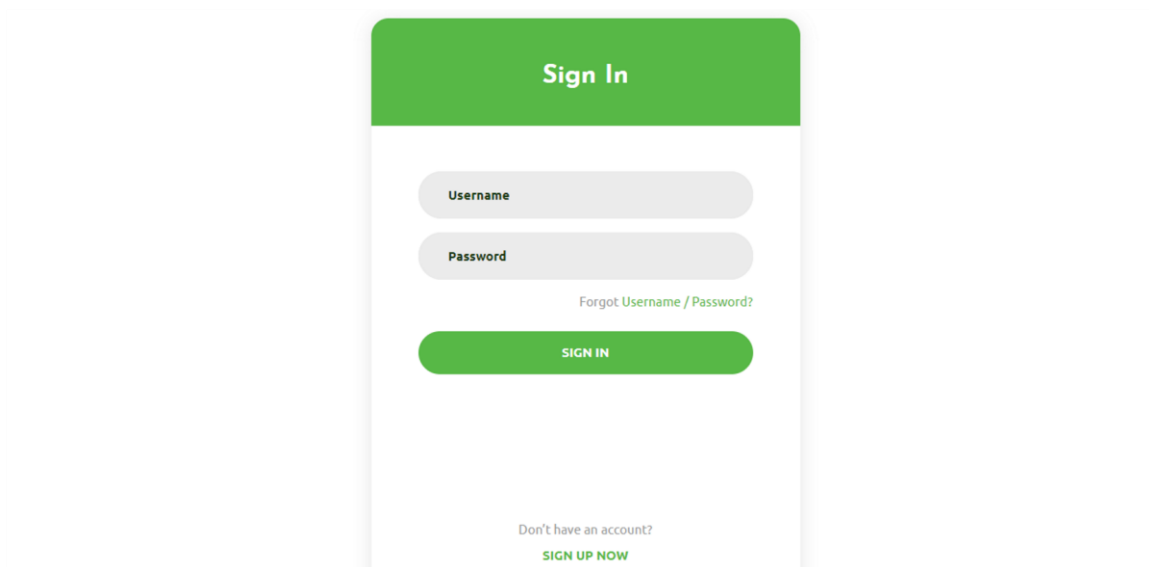
► About Us/Norms Page



► Services Page



► Login Page




► Contact Us Page

| IC
HOME ABOUT US SERVICES TEAM LOG IN CONTACT


CONTACT US

Please feel free to contact us at any moment.




ADDRESS

ICT,Ganpat University,SG Highway,Ahemdabad,Gujarat,India




PHONE NUMBER

+91 5589 55488 5




EMAIL

ic@gmail.com




| IC
HOME ABOUT US SERVICES TEAM LOG IN CONTACT

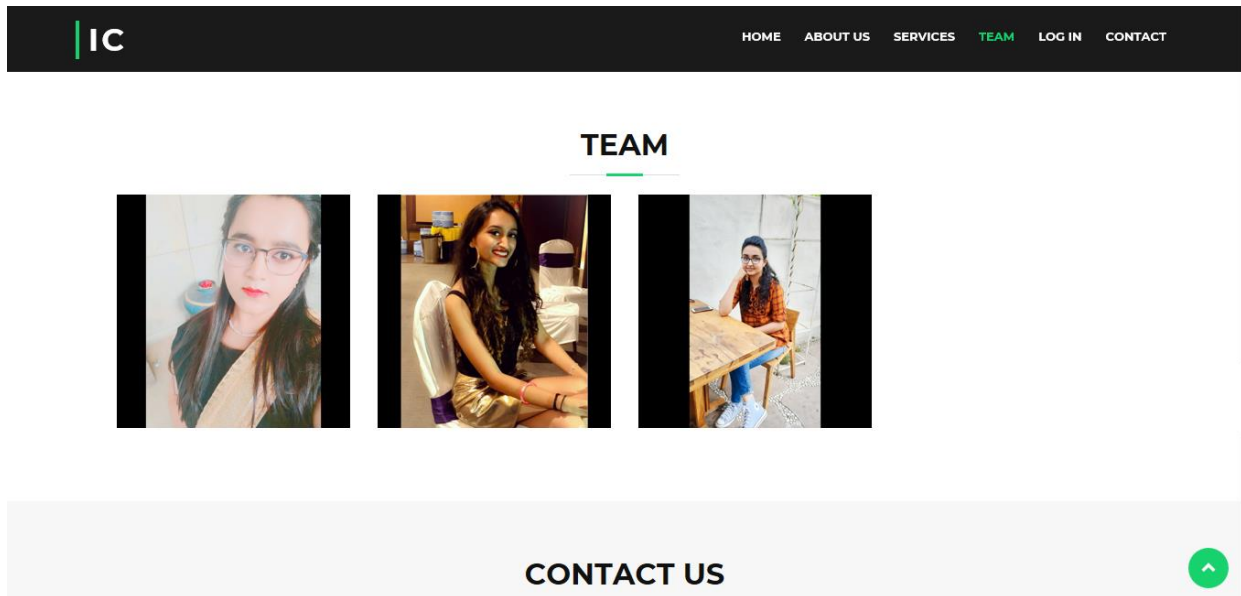


EMAIL

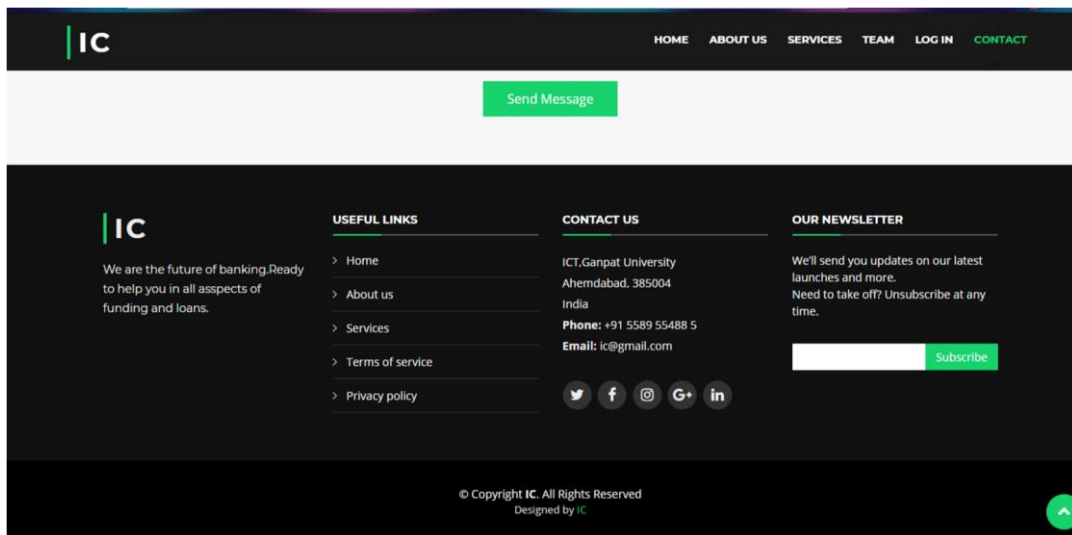
ic@gmail.com



► Team



➡ Footer



➡ CSS CODE:-

```
/*-----#
```

General

```
-----*/
```

```
body { background: #fff; color:
#666666; font-family: "Open Sans",
sans-serif;

}
```

```
a {
color: #18d26e;
transition: 0.5s;

}
```

```
a:hover,
a:active,
a:focus { color:
```

```
#18d36e;
```

```
outline: none;
```

```
text-decoration:
```

```
none;
```

```
}
```

```
p { padding: 0;
```

```
margin: 0 0 30px 0;
```

```
}
```

```
h1, h2, h3, h4, h5, h6 { font-family:
```

```
"Montserrat", sans-serif; font-weight:
```

```
400; margin: 0 0 20px 0;
```

```
padding: 0;
```

```
}
```

```
/* Back to top button */
```

```
.back-to-top { position:
fixed; display: none;
background: #18d26e;

color: #fff;

width: 44px; height:
44px; text-align:
center; line-height:
1; font-size: 16px;
border-radius: 50%;
right: 15px; bottom:
15px; transition:
background 0.5s; z-
index: 11;

}
```

```
.back-to-top i { padding-top:
12px;
```



```
color: #fff;
```

```
}
```

```
/* Preloader */
```

```
#preloader {
```

```
position: fixed;
```

```
top: 0; left: 0;
```

```
right: 0;
```

```
bottom: 0; z-
```

```
index: 9999;
```

```
overflow: hidden;
```

```
background: #fff;
```

```
}
```

```
#preloader:before { content: "";
```

```
position: fixed; top: calc(50% -
```

30px); left: calc(50% - 30px);

border: 6px solid #f2f2f2;

border-top: 6px solid #18d26e;

border-radius: 50%; width:

60px; height: 60px;

-webkit-animation: animate-preloader 1s linear infinite;

animation: animate-preloader 1s linear infinite;

}

@-webkit-keyframes animate-preloader {

0% {

-webkit-transform: rotate(0deg);

transform: rotate(0deg);

}

100% {

-webkit-transform: rotate(360deg);

transform: rotate(360deg);

}

```
}
```

```
@keyframes animate-preloader {
```

```
0% {
```

```
-webkit-transform: rotate(0deg);
```

```
transform: rotate(0deg);
```

```
}
```

```
100% {
```

```
-webkit-transform: rotate(360deg);
```

```
transform: rotate(360deg);
```

```
}
```

```
}
```

```
/*-----#
```

Header

```
-----*/
```

```
#header { padding:
```

```
30px 0; height:
```

```
92px; position:
```

```
fixed;
```

```
left: 0; top: 0;
```

```
right: 0; transition:
```

```
all 0.5s; z-index:
```

```
997;
```

```
}
```

```
#header.header-scrolled {
```

```
background: rgba(0, 0, 0, 0.9);
```

```
padding: 20px 0; height: 72px;
```

```
transition: all 0.5s;
```

```
}
```

```
#header #logo {
```

```
float: left;
```

```
}
```

```
#header #logo h1 { font-size: 34px;  
margin: 0; padding: 0; line-height: 1;  
font-family: "Montserrat", sans-serif;  
font-weight: 700; letter-spacing: 3px;  
  
}
```

```
#header #logo h1 a,  
#header #logo h1 a:hover {  
  
color: #fff; padding-left: 10px;  
border-left: 4px solid #18d26e;  
  
}
```

```
#header #logo img {  
padding: 0; margin:  
0;  
  
}
```

```
/*-----#
```

Intro Section

```
-----*/
```

```
#intro {  
  display: table;  
  
  width: 100%;  
  
  height: 100vh;  
  
  background: #000;  
  
}
```

```
#intro .carousel-item { width:  
  
  100%; height: 100vh;  
  
  background-size: cover;  
  
  background-position: center;  
  
  background-repeat: no-repeat;
```

```
}
```

```
#intro .carousel-item::before {  
  content: "";  
  background-color: rgba(0, 0, 0, 0.7);  
  position: absolute; height: 100%;  
  width: 100%;  
  top: 0;  
  right: 0;  
  left: 0;  
  bottom: 0;  
}
```

```
#intro .carousel-container {  
  display: -webkit-box;  
  display: -webkit-flex;  
  display: -ms-flexbox;  
  display: flex;
```

```
-webkit-box-pack: center;
```

```
-webkit-justify-content: center; -ms-
```

```
flex-pack: center; justify-content:
```

```
center;
```

```
-webkit-box-align: center;
```

```
-webkit-align-items: center;
```

```
-ms-flex-align: center; align-items: center; position: absolute; bottom:  
0;
```

```
top: 0;
```

```
left: 0;
```

```
right: 0;
```

```
}
```

```
#intro .carousel-background img { max-
```

```
width: 100%;
```

```
}
```



```
#intro .carousel-content { text-align:  
center;  
  
}
```

```
#intro h2 { color:  
  
#fff;  
  
margin-bottom: 30px;  
font-size: 48px; font-weight:  
700;  
  
}
```

```
#intro p {  
  
width: 80%; margin: 0  
auto 30px auto;  
  
color: #fff;  
  
}
```

```
#intro .carousel-fade {  
  overflow: hidden;  
  
}
```

```
#intro .carousel-fade .carousel-inner .carousel-item { transition-  
property: opacity;  
  
}
```

```
#intro .carousel-fade .carousel-inner .carousel-item, #intro .carousel-  
fade .carousel-inner .active.carousel-item-left,
```

```
#intro .carousel-fade .carousel-inner .active.carousel-item-right  
{ opacity:  
0;  
  
}
```

```
#intro .carousel-fade .carousel-inner .active,
```

```
#intro .carousel-fade .carousel-inner .carousel-itemnext.carousel-  
item-left,
```

```
#intro .carousel-fade .carousel-inner .carousel-
itemprev.carousel-item-right { opacity: 1;
transition: 0.5s;

}
```

```
#intro .carousel-fade .carousel-inner .carousel-item-next,
#intro .carousel-fade .carousel-inner .carousel-item-prev,
#intro .carousel-fade .carousel-inner .active.carousel-item-left,
#intro .carousel-fade .carousel-inner .active.carousel-item-right {
left: 0;

-webkit-transform: translate3d(0, 0, 0); transform:
translate3d(0, 0, 0);

}
```

```
#intro .carousel-control-prev, #intro
.carousel-control-next { width:
10%;

}
```

```
#intro .carousel-control-next-icon,  
#intro .carousel-control-prev-icon {  
background: none; font-size: 32px;  
line-height: 1;  
  
}
```

```
#intro .carousel-indicators li { cursor:  
pointer;  
}
```

```
#intro .btn-get-started { font-family:  
"Montserrat", sans-serif; font-weight:  
500; font-size: 16px; letter-spacing:  
1px; display: inline-block; padding:  
8px 32px; border-radius: 50px;  
transition: 0.5s;  
  
margin: 10px;
```

```
color: #fff;
```

```
background: #18d26e;
```

```
}
```

```
#intro .btn-get-started:hover {
```

```
background: #fff; color:
```

```
#18d26e;
```

```
}
```

```
/*-----*/
```

```
# Navigation Menu
```

```
-----*/
```

```
/* Nav Menu Essentials */
```

```
.nav-menu, .nav-
```

```
menu * { margin:
```

```
0; padding: 0; list-
```

```
style: none;
```

```
}
```

```
.nav-menu ul { position:
```

```
absolute; display: none;
```

```
top: 100%;
```

```
left: 0;
```

```
z-index: 99;
```

```
}
```

```
.nav-menu li { position:
```

```
relative;
```

```
white-space: nowrap;
```

```
}
```

```
.nav-menu>li {
```

```
float: left;
```

```
}
```

```
.nav-menu li:hover>ul, .nav-  
menu li.sfHover>ul { display:  
block;
```

```
}
```

```
.nav-menu ul ul {  
top: 0; left:  
100%;  
}
```

```
.nav-menu ul li { min-  
width: 180px;  
}
```

```
/* Nav Menu Arrows */
```

```
.sf-arrows .sf-with-ul { padding-right:  
30px;
```

```
}
```

```
.sf-arrows .sf-with-ul:after { content:
```

```
"\f107";
```

```
position: absolute; right:
```

```
15px;
```

```
font-family: FontAwesome;
```

```
font-style: normal; font-weight:
```

```
normal;
```

```
}
```

```
.sf-arrows ul .sf-with-ul:after { content:
```

```
"\f105";
```



```
}
```

```
/* Nav Meu Container */
```

```
#nav-menu-container {
```

```
float: right;
```

```
margin: 0;
```

```
}
```

```
/* Nav Meu Styling */
```

```
.nav-menu a { padding: 0 8px 10px
```

```
8px; text-decoration: none; display:
```

```
inline-block; color: #fff; font-family:
```

```
"Montserrat", sans-serif; font-weight:
```

```
700; font-size: 13px; text-transform:
```

```
uppercase; outline: none;
```

```
}
```

```
.nav-menu li:hover>a, .nav-  
menu>.menu-active>a { color:  
#18d26e;
```

```
}
```

```
.nav-menu>li { margin-  
left: 10px;  
  
}
```

```
.nav-menu ul { margin: 4px 0 0 0; padding: 10px;  
box-shadow: 0px 0px 30px rgba(127, 137, 161, 0.25);  
background: #fff;  
  
}
```

```
.nav-menu ul li {  
  
transition: 0.3s;
```

```
}
```

```
.nav-menu ul li a {  
padding: 10px;  
color: #333;  
transition: 0.3s;  
display: block; font-  
size: 13px; text-  
transform: none;  
}
```

```
.nav-menu ul li: hover > a {  
color: #18d26e;  
}
```

```
.nav-menu ul ul {  
margin: 0; }
```

```
/* Mobile Nav Toggle */
```

```
#mobile-nav-toggle {  
  
position: fixed;  
right: 0; top: 0; z-index:  
  
999; margin: 20px  
  
20px 0 0; border: 0;  
  
background: none;  
  
font-size: 24px;  
  
display: none;  
  
transition: all 0.4s;  
  
outline: none; cursor:  
  
pointer;  
  
}
```

```
#mobile-nav-toggle i {  
  
color: #fff;  
  
}
```

/ Mobile Nav Styling */*

#mobile

```
    nav {  
position: fixed; top:  
0;  
  
padding-top: 18px; bottom: 0;  
z-index: 998; background:  
rgba(0, 0, 0, 0.8); left: -260px;  
width: 260px; overflow-y:  
auto; transition: 0.4s;  
  
}
```

```
#mobile-nav ul {  
padding: 0;  
margin: 0; list-  
style: none;
```

```
#mobile

}
    nav ul li { position:
relative;

}

#mobile-nav ul li a { color: #fff;
font-size: 13px; text-transform:
uppercase; overflow: hidden;
padding: 10px 22px 10px 15px;

position: relative; text-
decoration: none; width:
100%;
```

```
#mobile
```

```
display: block; outline: none; font-  
weight: 700; font-family:  
"Montserrat", sans-serif;
```

```
}  
    nav ul li a:hover { color:
```

```
#18d26e;
```

```
}
```

```
#mobile-nav ul li li { padding-left:  
30px;
```

```
}
```

```
#mobile-nav ul li.menu-active a {  
color: #18d26e;
```



```
#mobile
```

```
}
```

```
#mobile-nav ul .menu-has-children i {
```

```
position: absolute; right: 0; z-index:
```

```
99; padding: 15px; cursor: pointer;
```

```
color: #fff;  
}
```

```
#mobile-nav ul .menu-has-children i.fa-chevron-up { color:  
#18d26e;  
}
```

```
#mobile-nav ul .menu-has-children li a { text-  
transform: none;  
}
```

```
#mobile-nav ul .menu-item-active { color:  
#18d26e;  
}
```

```
#mobile-body-overly {  
width: 100%; height:  
100%; z-index: 997;  
top: 0;  
left: 0;  
  
position: fixed; background:  
rgba(0, 0, 0, 0.7); display:  
none;  
  
}  
  
/* Mobile Nav body classes */  
  
body.mobile-nav-active { overflow:  
hidden;
```

```
}
```

```
body.mobile-nav-active #mobile-nav {  
left: 0; }
```

```
body.mobile-nav-active #mobile-nav-toggle { color: #fff;  
}
```

```
/*-----#
```

Sections

```
-----*/
```

```
/* Sections Header
```

-----*/

```
.section-header h3 { font-  
size: 32px; color: #111;  
text-transform: uppercase;  
text-align: center; font-  
weight: 700; position:  
relative; padding-bottom:  
15px;  
  
}
```

```
.section-header h3::before {  
content: "; position:  
absolute; display:  
block; width: 120px;  
height: 1px;
```

```
background: #ddd;  
bottom: 1px; left:  
calc(50% - 60px);  
  
}
```

```
.section-header h3::after {  
content: "; position:  
absolute; display:  
block; width: 40px;  
height: 3px;  
background:  
#18d26e; bottom:  
0; left: calc(50% -  
20px);  
  
}
```

```
.section-header p { text-align:  
center;  
  
padding-bottom: 30px; color:  
#333;  
  
}
```

```
/* Section with background  
-----*/
```

```
.section-bg {  
background: #f7f7f7;  
  
}
```

```
/* Featured Services Section
```

```
-----*/
```

```
#featured-services { background:
```

```
#000;
```

```
}
```

```
#featured-services .box { padding:
```

```
30px 20px;
```

```
}
```

```
#featured-services .box-bg {
```

```
background-image: linear-gradient(0deg, #000000 0%, #242323  
50%, #000000 100%);
```

```
}
```



```
#featured-services i {  
color: #18d26e; font-  
  
size: 48px; display:  
  
inline-block; line-  
  
height: 1;  
  
}
```

```
#featured-services h4 {  
  
font-weight: 400;  
  
margin: 15px 0; font-  
  
size: 18px;  
  
}
```

```
#featured-services h4 a { color:  
  
#fff;  
  
}
```

```
#featured-services h4 a:hover { color:
#18d26e;

}
```

```
#featured-services p {
font-size: 14px; line-
height: 24px; color:
#fff;

margin-bottom: 0;

}
```

```
/* About Us Section
```

```
-----*/
```

```
#about {  
  
background: url("../img/about-bg.jpg") center top no-repeat  
fixed; background-size: cover; padding: 60px 0 40px 0;  
  
position: relative;  
  
}  
  
#about::before {  
  
content: ""; position:  
absolute;  
  
left: 0; right: 0; top: 0; bottom: 0;  
  
background: rgba(255, 255, 255, 0.92);  
  
z-index: 9;  
  
}
```

```
#about .container {  
  position: relative; z-  
  index: 10;  
  
}
```

```
#about .about-col {  
  background: #fff; margin-  
  bottom: 20px; align-  
  content:center;  
  
}
```

```
#about .about-col .img { position:  
  relative;  
  
}
```

```
#about .about-col .img img { border-radius:
4px 4px 0 0;

}
```

```
#about .about-col .icon {
width: 64px; height: 64px;
padding-top: 8px; text-align:
center; position: absolute;
background-color: #18d26e;
border-radius: 50%;

text-align: center; border:
4px solid #fff; left: calc(
50% - 32px); bottom: -
30px;

transition: 0.3s;
```

```
}
```

```
#about .about-col i {  
font-size: 36px; line-  
height: 1; color: #fff;  
transition: 0.3s;  
  
}
```

```
#about .about-col:hover .icon { background-color:  
#fff;  
  
}
```

```
#about .about-col:hover i {  
color: #18d26e;  
  
}
```

```
#about .about-col h2 {  
  color: #000; text-align:  
  justify; font-weight:  
  700; font-size: 20px;  
  padding: 0;  
  margin: 12px 0 12px 0;  
  align-content: center;  
  
  font-family: Segoe, "Segoe UI", "DejaVu Sans", "Trebuchet  
  MS", Verdana, sans-serif;  
}
```

```
#about .about-col h2 a {  
  color: #18d26e;  
}
```

```
#about .about-col h2 a:hover { color:  
#000;  
  
}
```

```
#about .about-col p { font-  
size: 16px; line-height:  
24px; color: #333; margin-  
bottom: 0; padding: 0 40px  
20px 40px;  
  
text-align:center;  
  
}
```

```
#about .formula p { align-content:  
center; box-border:1px;
```



```
}
```

```
/* Services Section
```

```
-----*/
```

```
#services { background:
```

```
#fff; background-size:
```

```
cover; padding: 60px 0
```

```
40px 0;
```

```
}
```

```
#services .box { margin-
```

```
bottom: 30px;
```

```
}
```

```
#services .icon {  
float: left;  
} #services  
.icon i {  
color:  
#18d26e;  
font-size:  
36px; line-  
height: 1;  
transition:  
0.5s;  
  
}  
  
#services .title { margin-  
left: 60px; font-weight: 700;
```

```
margin-bottom: 15px; font-  
size: 24px;  
  
}
```

```
#services .title a { color:  
#111;  
  
}
```

```
#services .box:hover .title a { color: #18d26e; align-  
content:center;  
  
}
```

```
#services .description {  
font-size: 14px; margin-  
left: 60px; line-height:  
24px; margin-bottom: 0;
```

```
}
```

```
/* Team Section
```

```
-----*/
```

```
#team      {
```

```
background: #fff;
```

```
padding: 60px 0;
```

```
}
```

```
#team .member {
```

```
text-align: center;
```

```
margin-bottom: 20px; background:
```

```
#000;
```

```
position: relative;
```

```
}
```

```
#team .member .member-info {  
  
opacity: 0; display: -  
webkit-box; display: -  
webkit-flex; display:  
-ms-flexbox; display:  
flex;  
  
-webkit-box-pack: center;  
  
-webkit-justify-content: center; -ms-  
flex-pack: center; justify-content:  
center;  
  
-webkit-box-align: center;  
  
-webkit-align-items: center; -ms-flex-align: center; align-items:  
center; position: absolute; bottom: 0;
```

```
top: 0; left: 0;  
right: 0;  
transition: 0.2s;  
  
}
```

```
#team .member .member-info-content {  
margin-top: -50px; transition: margin  
0.2s;  
  
}
```

```
#team .member:hover .member-info {  
background: rgba(0, 0, 0, 0.7);  
opacity: 1; transition: 0.4s;  
  
}
```

```
#team .member:hover .member-info-content {  
margin-top: 0; transition: margin 0.4s;  
  
}
```

```
#team .member h4 {  
font-weight: 700;  
margin-bottom: 2px;  
font-size: 18px;  
color: #fff;  
  
}
```

```
#team .member span {  
font-style: italic;  
display: block; font-  
size: 13px; color:  
#fff;
```

```
}
```

```
#team .member .social { margin-top:  
15px;
```

```
}
```

```
#team .member .social a {  
transition: none; color:  
#fff;  
}
```

```
#team .member .social a:hover { color:  
#18d26e;  
}
```



```
#team .member .social i {  
font-size: 18px; margin: 0  
2px;  
  
}
```

```
/* Contact Section
```

```
-----*/
```

```
#contact { padding:  
60px 0;  
  
}
```

```
#contact .contact-info { margin-  
bottom: 20px;
```

```
}
```

```
text-align: center;
```

```
}
```

```
#contact .contact-info i {
```

```
font-size: 48px; display:
```

```
inline-block; margin-
```

```
bottom: 10px; color:
```

```
#18d26e;
```

```
#contact .contact-info address,
```

```
#contact .contact-info p {
```

```
margin-bottom: 0; color: #000;
```

```
}
```

```
#contact .contact-info h3 {  
font-size: 18px; margin-  
bottom: 15px; font-weight:  
bold; text-transform:  
uppercase; color: #999;  
  
}
```

```
#contact .contact-info a { color:  
  
#000;  
  
}
```

```
#contact .contact-info a:hover { color:  
  
#18d26e;  
  
}
```

```
#contact .contact-address,
```

```
}
```

```
#contact .contact-phone, #contact  
.contact-email { margin-bottom:  
20px;  
  
}
```

```
#contact .form #sendmessage {  
color: #18d26e; border: 1px  
solid #18d26e; display: none;  
text-align: center;  
  
padding: 15px; font-weight:  
600; margin-bottom: 15px;  
#contact .form  
#errorMessage {  
  
color: red; display:  
none; border: 1px
```

solid red; text-align:

center;

padding: 15px; font-weight:

600; margin-bottom: 15px;

}

#contact .form #sendmessage.show,

#contact .form #errormessage.show,

#contact .form .show { display:

block;

}

#contact .form .validation {

color: red;

display: none;

margin: 0 0 20px;

```
}
```

```
font-weight: 400;
```

```
font-size: 13px;
```

```
}
```

```
#contact .form input, #contact
```

```
.form textarea { padding:
```

```
10px 14px; border-radius: 0;
```

```
box-shadow: none;
```

```
font-size: 15px;
```

```
}
```

```
#contact .form button[type="submit"]
```

```
{ background: #18d26e;
```

border: 0; padding:
10px 30px;

```
color: #fff;
```

```
transition: 0.4s;
```

```
cursor: pointer;
```

```
}
```

```
#contact .form button[type="submit"]:hover { background:
```

```
#13a456;
```

```
}
```

```
/*-----#
```

Footer

```
-----*/
```

```
#footer {
```

```
background: #000;
```

```
padding: 0 0 30px 0;
```



```
color: #eee; font-  
size: 14px;  
}
```

```
#footer .footer-top {  
background: #111;  
padding: 60px 0 30px 0;  
  
}
```

```
#footer .footer-top .footer-info {  
margin-bottom: 30px;  
  
}
```

```
#footer .footer-top .footer-info h3 {  
font-size: 34px; margin: 0 0 20px  
0; padding: 2px 0 2px 10px;
```

```
line-height: 1; font-family:  
"Montserrat", sans-serif; font-weight:  
700; letter-spacing: 3px;  
border-left: 4px solid #18d26e;  
}
```

```
#footer .footer-top .footer-info p {  
font-size: 14px; line-height: 24px;  
margin-bottom: 0; font-family:  
"Montserrat", sans-serif; color: #eee;  
}
```

```
#footer .footer-top .social-links a {  
font-size: 18px; display: inline-  
block; background: #333;  
  
color: #eee; line-  
height: 1; padding: 8px
```

```
0; margin-right: 4px;
```

```
border-radius: 50%;
```

```
text-align: center;
```

```
width: 36px;
```

```
height: 36px;
```

```
transition: 0.3s;
```

```
}
```

```
#footer .footer-top .social-links a:hover {
```

```
background: #18d26e;
```

```
color: #fff;
```

```
}
```

```
#footer .footer-top h4 {
```

```
font-size: 14px; font-
```

```
weight: bold; color: #fff;
```

```
text-transform: uppercase;
```

```
position: relative;
```

```
padding-bottom: 12px;  
}
```

```
#footer .footer-top h4::before,  
#footer .footer-top h4::after {  
content: ""; position: absolute;  
  
left: 0;  
  
bottom: 0; height:  
2px;  
  
}
```

```
#footer .footer-top h4::before {  
  
right: 0;  
  
background: #555;  
  
}
```

```
#footer .footer-top h4::after {
```

```
background: #18d26e; width:  
60px;  
}
```

```
#footer .footer-top .footer-links {  
margin-bottom: 30px;  
}
```

```
#footer .footer-top .footer-links ul {  
list-style: none; padding: 0; margin:  
0;  
}
```

```
#footer .footer-top .footer-links ul i {  
padding-right: 8px; color: #ddd;  
}
```

```
#footer .footer-top .footer-links ul li { border-  
bottom: 1px solid #333; padding: 10px 0;  
  
}
```

```
#footer .footer-top .footer-links ul li:first-child { padding-top:  
0;  
  
}
```

```
#footer .footer-top .footer-links ul a {  
color: #eee;  
  
}
```

```
#footer .footer-top .footer-links ul a:hover { color:  
#18d26e;  
  
}
```

```
#footer .footer-top .footer-contact { margin-  
bottom: 30px;  
  
}
```

```
#footer .footer-top .footer-contact p { line-  
height: 26px;  
  
}
```

```
#footer .footer-top .footer-newsletter { margin-  
bottom: 30px;  
  
}
```

```
#footer .footer-top .footer-newsletter input[type="email"] {  
border: 0; padding: 6px 8px; width: 65%;  
  
}
```

```
#footer .footer-top .footer-newsletter input[type="submit"] {  
  
background: #18d26e;  
  
border: 0;  
  
width: 35%; padding:  
  
6px 0; text-align:  
  
center; color: #fff;  
  
transition: 0.3s;  
  
cursor: pointer;  
  
}
```

```
#footer .footer-top .footer-newsletter  
input[type="submit"]:hover {  
background: #13a456;  
  
}
```

```
#footer .copyright { text-  
  
align: center; padding-top:  
  
30px;
```



```
}
```

```
#footer .credits { text-align: center; font-size: 13px; color: #ddd; }
```

```
/*-----#
```

Responsive Media Queries

```
-----*/
```

```
@media (min-width: 768px) {  
#contact .contact-address,  
#contact .contact-phone, #contact  
.contact-email { padding: 20px  
0;
```

```
}
```

```
#contact .contact-phone { border-  
left: 1px solid #ddd; border-right:  
1px solid #ddd;
```

```
}
```

```
}
```

```
@media (min-width: 1024px) {  
#header #logo { padding-left:  
60px; }
```

```
#intro p {  
width: 60%;  
}
```

```
#intro .carousel-control-prev, #intro  
.carousel-control-next { width: 5%;
```

```
}
```

```
#nav-menu-container { padding-right:  
60px;
```

```
}
```

```
}
```

```
@media (max-width: 768px) {
```

```
.back-to-top { bottom: 15px;
```

```
} #header #logo h1
```

```
{ font-size: 28px; }
```

```
#header #logo img { max-  
height: 40px;
```

```
} #intro h2 {
```

```
font-size: 28px;
```

```
}
```

```
#nav-menu-container {  
display: none; }
```

```
#mobile-nav-toggle {  
  
display: inline;  
}  
  
}
```

➡ **JAVASCRIPT CODE:- Main** **JQUERY**

```
(function ($) {  
    "use strict";  
  
    // Preloader  
    $(window).on('load', function () {  
        if ($('#preloader').length) {  
            $('#preloader').delay(100).fadeOut('slow', function () {  
                $(this).remove();  
            });  
        }  
    });  
  
    // Back to top button  
    $(window).scroll(function() {    if  
        ($(this).scrollTop() > 100) {  
            $('.back-to-top').fadeIn('slow');  
        } else {  
            $('.back-to-top').fadeOut('slow');  
        }  
    });  
    $('.back-to-top').click(function(){  
        $('html, body').animate({ scrollTop : 0},1500,
```

```
'easeInOutExpo');  
return false;  
});
```

```
// Initiate the wowjs animation library  
new WOW().init();
```

```
// Initiate superfish on nav menu  
$('.nav-menu').superfish({  
  animation: {  
    opacity: 'show'  
  },  
  speed: 400  
});
```

```
// Mobile Navigation  if ($('#nav-  
menu-container').length) {    var  
$mobile_nav = $('#nav-  
menucontainer').clone().prop({    id:  
'mobile-nav'  
  });  
$mobile_nav.find('> ul').attr({  
  'class': '',  
  'id': ''  
});  
$('body').append($mobile_nav);  
$('body').prepend('<button type="button" id="mobile-  
navtoggle"><i class="fa fa-bars"></i></button>');  
$('body').append('<div id="mobile-body-overly"></div>');  
$('#mobile-nav').find('.menu-has-children').prepend('<i  
class="fa fa-chevron-down"></i>');
```

```
$(document).on('click', '.menu-has-children i', function(e) {
$(this).next().toggleClass('menu-item-active');
$(this).nextAll('ul').eq(0).slideToggle();
$(this).toggleClass("fa-chevron-up fa-chevron-down");
});
```

```
$(document).on('click', '#mobile-nav-toggle', function(e) {
$('body').toggleClass('mobile-nav-active');
$('#mobile-nav-toggle i').toggleClass('fa-times fa-bars');
$('#mobile-body-overly').toggle();
});
```

```
$(document).click(function(e) {
var container = $("#mobile-nav, #mobile-nav-toggle");
if (!container.is(e.target) &&
container.has(e.target).length === 0) {      if
($('body').hasClass('mobile-nav-active')) {
$('body').removeClass('mobile-nav-active');
$('#mobile-nav-toggle i').toggleClass('fa-times fabars');
$('#mobile-body-overly').fadeOut();
}
}
});
} else if ($("#mobile-nav, #mobile-nav-toggle").length) {
$("#mobile-nav, #mobile-nav-toggle").hide();
}
```

```
// Header scroll class
$(window).scroll(function() {
if ($(this).scrollTop() > 100) {
$('#header').addClass('header-scrolled');
```

```

    } else {
        $('#header').removeClass('header-scrolled');
    }
});

if ($(window).scrollTop() > 100) {
    $('#header').addClass('header-scrolled');
}

// Smooth scroll for the menu and links with .scrollto classes
$('.nav-menu a, #mobile-nav a, .scrollto').on('click', function()
{
    if (location.pathname.replace(/^\//, "") ==
this.pathname.replace(/^\//, "") && location.hostname ==
this.hostname) {
        var target = $(this.hash);
        if
(target.length) {
            var top_space = 0;

            if ($('#header').length) {
                top_space = $('#header').outerHeight();

                if (! $('#header').hasClass('header-scrolled')) {
top_space = top_space - 20;
                }
            }

            $('html, body').animate({
                scrollTop: target.offset().top - top_space
            }, 1500, 'easeInOutExpo');

            if ($(this).parents('.nav-menu').length) {
                $('#nav-menu .menu-active').removeClass('menuactive');

```

```

        $(this).closest('li').addClass('menu-active');
    }

    if ($('body').hasClass('mobile-nav-active')) {
        $('body').removeClass('mobile-nav-active');          $('#mobile-
nav-toggle i').toggleClass('fa-times fabars');
        $('#mobile-body-overly').fadeOut();
    }
    return false;
}
}
});

// Navigation active state on scroll  var
nav_sections = $('section');  var main_nav =
$('.nav-menu, #mobile-nav');
var main_nav_height = $('#header').outerHeight();

$(window).on('scroll', function () {
    var cur_pos = $(this).scrollTop();

    nav_sections.each(function() {      var top =
$(this).offset().top - main_nav_height,
        bottom = top + $(this).outerHeight();

    if (cur_pos >= top && cur_pos <= bottom) {
        main_nav.find('li').removeClass('menu-active menuitem-active');

        main_nav.find('a[href="#" + $(this).attr('id') + "']").parent('li').ad
dClass('menu-active menu-item-active');
    }

```



```

    });
});

// Intro carousel
var introCarousel = $(".carousel"); var
introCarouselIndicators = $(".carousel-indicators");
introCarousel.find(".carousel-
inner").children(".carouselitem").each(function(index) {
(index === 0) ? introCarouselIndicators.append("<li
datatarget='#introCarousel' data-slide-to='" + index + '"
class='active'></li>") :
introCarouselIndicators.append("<li data-
target='#introCarousel' data-slide-to='" + index + '"></li>");

$(this).css("background-image", "url('" +
$(this).children('.carouselbackground').children('img').attr('src')
+ "')"); $(this).children('.carousel-background').remove();
});

$(".carousel").swipe({
  swipe: function(event, direction, distance, duration,
fingerCount, fingerData) {
    if (direction == 'left') $(this).carousel('next');
    if (direction == 'right') $(this).carousel('prev');
  },
  allowPageScroll:"vertical"
});

// Skills section
$('#skills').waypoint(function() {
  $('.progress .progress-bar').each(function() {
    $(this).css("width", $(this).attr("aria-valuenow") + '%');
  });
});

```

```

    });
    }, { offset: '80%' } );

    // jQuery counterUp (used in Facts section)
    $('[data-toggle="counter-up"]').counterUp({
    delay: 10,
        time: 1000
    });

    // Portfolio isotope and filter
    var portfolioIsotope = $('.portfolio-container').isotope({
    itemSelector: '.portfolio-item',
        layoutMode: 'fitRows'
    });

    $('#portfolio-filters li').on( 'click', function() {
        $("#portfolio-filters li").removeClass('filter-active');
        $(this).addClass('filter-active');

        portfolioIsotope.isotope({ filter: $(this).data('filter') });
    });

    // Clients carousel (uses the Owl Carousel library)
    $(".clients-carousel").owlCarousel({
        autoplay: true,
        dots: true,
        loop: true,
        responsive: { 0: { items: 2 }, 768: { items: 4 }, 900: {
        items: 6 }
        }
    });

```

```
// Testimonials carousel (uses the Owl Carousel library)
$(".testimonials-carousel").owlCarousel({
  autoplay: true,
  dots: true,
  loop: true,
  items: 1
});

})(jQuery);
```

- Contact Form query

```
jQuery(document).ready(function($) {
  "use strict";

  //Contact
  $('form.contactForm').submit(function() {
    var f = $(this).find('.form-group'),
        error = false,
        emailExp = /^[^s()<>@,;:\|]+@\w[\w\.-]+\.[az]{2,}$/i;

    f.children('input').each(function() { // run all inputs

      var i = $(this); // current input
      var rule = i.attr('data-rule');

      if (rule !== undefined) {
        var ierror = false; // error flag for current input
        var pos = rule.indexOf(':', 0);
        if (pos >= 0) {
          var exp = rule.substr(pos + 1, rule.length);
          rule = rule.substr(0, pos);
        }
      }
    });
  });
```

```

    } else {
        rule = rule.substr(pos + 1, rule.length);
    }

    switch (rule) {
case 'required':
    if (i.val() === "") {
        ferror = ierror = true;
    }
    break;

    case 'minlen':        if
(i.val().length < parseInt(exp)) {
        ferror = ierror = true;
    }
    break;

    case 'email':        if
(!emailExp.test(i.val())) {
ferror = ierror = true;
    }
    break;

    case 'checked':
if (! i.is(':checked')) {
    ferror = ierror = true;
}
    break;

    case 'regexp':

```

```

        exp = new RegExp(exp);
    if (!exp.test(i.val())) {
        ferror = ierror = true;
    }
    break;
}
i.next('.validation').html((ierror ? (i.attr('data-msg') !==
undefined ? i.attr('data-msg') : 'wrong Input') :
'')).show('blind');
}
});
f.children('textarea').each(function() { // run all inputs

    var i = $(this); // current input
    var rule = i.attr('data-rule');

    if (rule !== undefined) {
        var ierror = false; // error flag for current input
        var pos = rule.indexOf(':', 0);    if (pos >= 0) {
            var exp = rule.substr(pos + 1, rule.length);
            rule = rule.substr(0, pos);
        } else {
            rule = rule.substr(pos + 1, rule.length);
        }

        switch (rule) {
        case 'required':
            if (i.val() === "") {
                ferror = ierror = true;
            }
            break;

```

```

        case 'minlen':            if
(i.val().length < parseInt(exp)) {
            ferror = ierror = true;
        }
break;
    }

    i.next('.validation').html((ierror ? (i.attr('data-msg') !=
undefined ? i.attr('data-msg') : 'wrong Input') :
'')).show('blind');
    }
});

    if (ferror) return false;    else var
str = $(this).serialize();    var
action = $(this).attr('action');
    if( ! action ) {
        action = 'contactform/contactform.php';
    }
    $.ajax({
type: "POST",
url: action,
    data: str,
    success: function(msg) {
        // alert(msg);
if (msg == 'OK') {
            $("#sendmessage").addClass("show");
            $("#errormessage").removeClass("show");
            $('.contactForm').find("input, textarea").val("");
        } else {
            $("#sendmessage").removeClass("show");
            $("#errormessage").addClass("show");

```

```

        $('#errorMessage').html(msg);
    }

    }
});
    return false;
});

});

```

JAVA CODE:

```

import java.util.*;
import java.lang.*;
class project
{
    public static void main(String []args)
    {
        System.out.println("\t\t\t\t\t-----\t\t\t\t\t");

        System.out.println("\t\t\t\t\tINTEREST
CALCULATOR\t\t\t\t\t");

        System.out.println("\t\t\t\t\t-----\t\t\t\t\t");

        Scanner sc = new Scanner(System.in);
    }
}

```

```
double principle,rate,time,emi;
```

```
double A,P,r,n,t,I;
```

```
double temp;
```

```
int choice;
```

```
System.out.println("->To view the Norms Page press 1");
```

```
System.out.println("->For calculating EMI press");
```

```
System.out.println("->For calculating FD and interest on it  
press 3");
```

```
System.out.println("Enter your choice:");
```

```
choice = sc.nextInt();
```

```
if(choice==1)
```

```
{
```

```
    System.out.println("Norms Page");
```

```
}
```

```
else if(choice==2)
```

```
{
```



```

        System.out.print("Enter principal: ");

        principle = sc.nextFloat();

        System.out.print("Enter rate: ");

        rate = sc.nextFloat();

        System.out.print("Enter time in year: ");

        time = sc.nextFloat();

        rate=rate/(12*100);

        time=time*12;

        emi=
        (principle*rate*Math.pow(1+rate,time))/(Math.pow(1+rate,time)-
        1);

        System.out.println("*****
        ***");

        System.out.print("MONTHLY EMI IS:"+emi+"\n");
        System.out.println("*****
        ***");

        }

        else if(choice==3)

        {

            System.out.print("Enter the principle amount:");

```

```
P=sc.nextDouble();
```

```
System.out.print("Enter the rate:");
```

```
r=sc.nextDouble();
```

```
System.out.print("Enter the time of years:");
```

```
t=sc.nextDouble();
```

```
System.out.print("Enter the no. of years:");
```

```
n=sc.nextDouble();
```

```
temp=(1+r/n);
```

```
A=P*Math.pow(temp,(n*t));
```

```
System.out.println("*****  
***");
```

```
System.out.println("FIXED DEPOSIT IS: "+ Math.round(A));
```

```
I=A-P;
```

```
System.out.println("INTEREST EARNED IN RUPEES  
IS: "+ Math.round(I));
```

```
System.out.println("*****  
***");
```

```
}
```

```
else
```

```
{
```

```
System.out.println("Wrong input!!!!!!");
```

```
}
```

```
}
```

```
}
```



OUTPUT:-

```
Command Prompt
C:\Users\Admin\Desktop\oop_lab>javac project.java

C:\Users\Admin\Desktop\oop_lab>java project
-----
INTEREST CALCULATOR
-----

->To view the Norms Page press 1
->For calculating EMI press
->For calculating FD and interest on it press 3
Enter your choice:
2
Enter principal: 12000
Enter rate: 2
Enter time in year: 3
*****
MONTHLY EMI IS:343.7109447894692
*****
```

Command Prompt

C:\Users\Admin\Desktop\oop_lab>java project

INTEREST CALCULATOR

->To view the Norms Page press 1
->For calculating EMI press
->For calculating FD and interest on it press 3
Enter your choice:
3
Enter the principle amount:1200
Enter the rate:0.05
Enter the time of years:2
Enter the no. of years:3

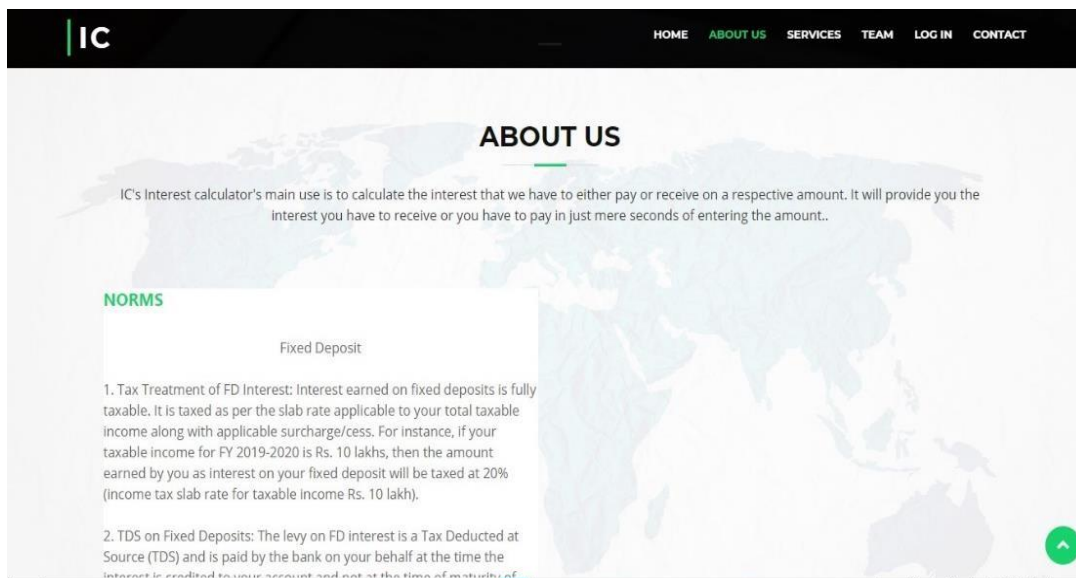
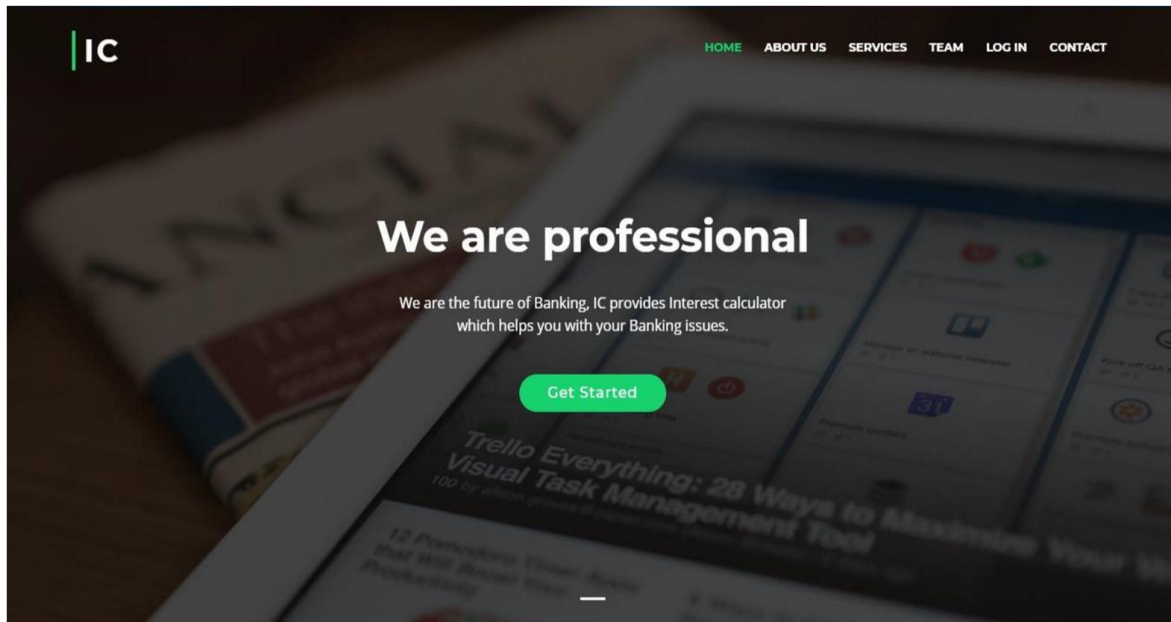
FIXED DEPOSIT IS: 1325
INTEREST EARNED IN RUPEES IS: 125

EXPLANATION ABOUT PROJECT:

- **Norm's Page:** - It expresses all the standard conventions, regulations and criteria's for taking a loan, getting a fixed deposit or interest on EMI's etc.
- **Fixed Deposit Calculator:** - It will compute the interest generated on fixed amounts that are banked by the customers.
- **EMI calculator:-** EMI means *equated monthly Instalments*, Which is a fixed payment amount established by a borrower to a lender at a designated date each calendar month. EMI's are used to pay off both interest and principal each month so that over a stipulated number of years, the loan is paid off in total.
EMI calculator will work out these monthly installments.



OUTPUT SCREENSHOTS :



EMI

- 1)An equated monthly installment (EMI) is a fixed payment made by a borrower to a lender on a specified date of each month.
- 2)EMIs allow borrowers the peace of mind of knowing exactly how much money they will need to pay each month toward their loan.
- 3)EMIs can be calculated in two ways: the flat-rate method or the reducing-balance method.
- 4)How EMI works? EMIs differ from variable payment plans, in which the borrower is able to pay higher payment amounts at his or her discretion. In EMI plans borrowers are usually only allowed one fixed payment amount each month. The benefit of an EMI for borrowers is that they know precisely how much money they will need to pay toward their loan each month, which makes their personal budgeting process easier. The chief benefit of an EMI is to make your personal budgeting process easier. The EMI can be calculated using either the flat-rate method or the reducing-balance method. The EMI flat-rate formula is calculated by adding together the principal loan amount and the interest on the principal and dividing the result by the number of periods multiplied by the number of months. The EMI reducing-balance



SERVICES

IC provides two calculators. One is Fixed Deposit calculator and other is EMI calculator for Interest calculation.

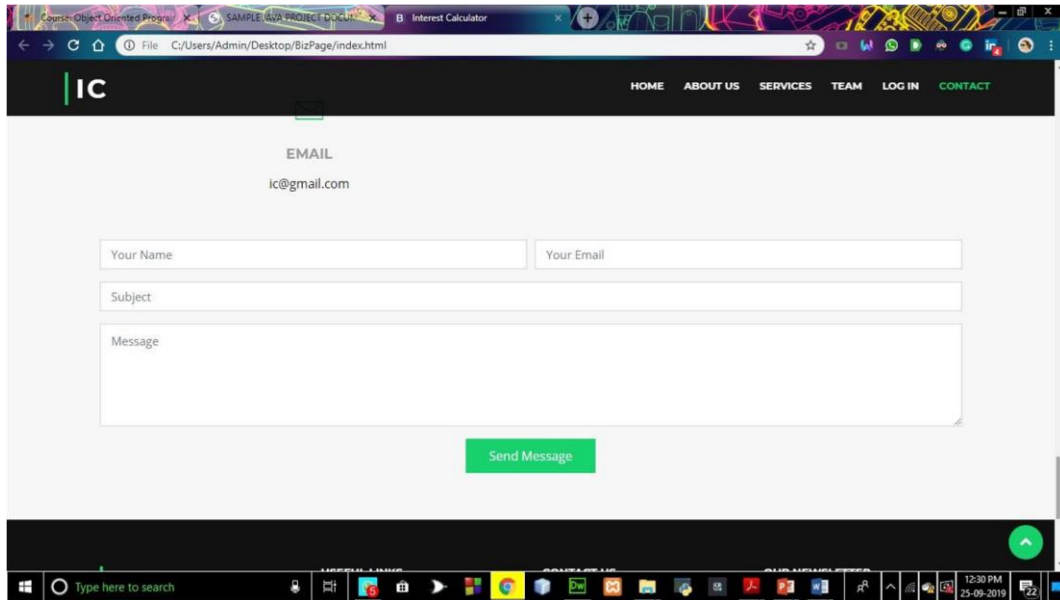
Fixed Deposit

It will calculate the interest generated on fixed amounts that are deposited by the customers.

EMI

EMI means equated monthly installments, which is a fixed payment amount made by a borrower to a lender at a specified date each calendar month. EMIs are used to pay off both interest and principal each month so that over a specified number of years, the loan is paid off in full. EMI calculator will calculate these monthly installments.





Sign In

Username

Password

Forgot Username / Password?

SIGN IN

Don't have an account?

SIGN UP NOW

Please feel free to contact us at any moment.



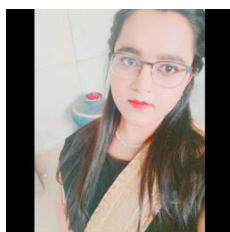
ICT,Ganpat University,SG Highway,Ahemdabad,Gujarat,India



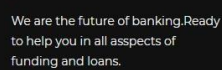
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INTEREST CALCULATOR
-----
->To view the Norms Page press 1
->For calculating EMI press
->For calculating FD and interest on it press 3
Enter your choice:
2
Enter principal: 12000
Enter rate: 2
Enter time in year: 3
*****
MONTHLY EMI IS:343.7109447894692
*****

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INTEREST CALCULATOR
-----
->To view the Norms Page press 1
->For calculating EMI press
->For calculating FD and interest on it press 3
Enter your choice:
3
Enter the principle amount:1200
Enter the rate:0.05
Enter the time of years:2
Enter the no. of years:3
*****
FIXED DEPOSIT IS: 1325
INTEREST EARNED IN RUPEES IS: 125
*****

```

REFERENCES:

1. Google images
2. https://en.wikipedia.org/wiki/Fixed_deposit- For Fixed deposit
3. https://en.wikipedia.org/wiki/Equated_monthly_installment- For EMI
4. <https://www.w3schools.com/html/>- For Website

➡ CONCLUSION:

- The one who understands interest calculation gains interest and the one who doesn't pays the interest.

- This task offers a computerized version of physical calculator which benefits both the banks and the clients.

Thank You!