Group members:

Huzaifa Salahuddin   Student-id: 1403614

Syed Khizer Ali   Student-id: 1400423

Project instructor:
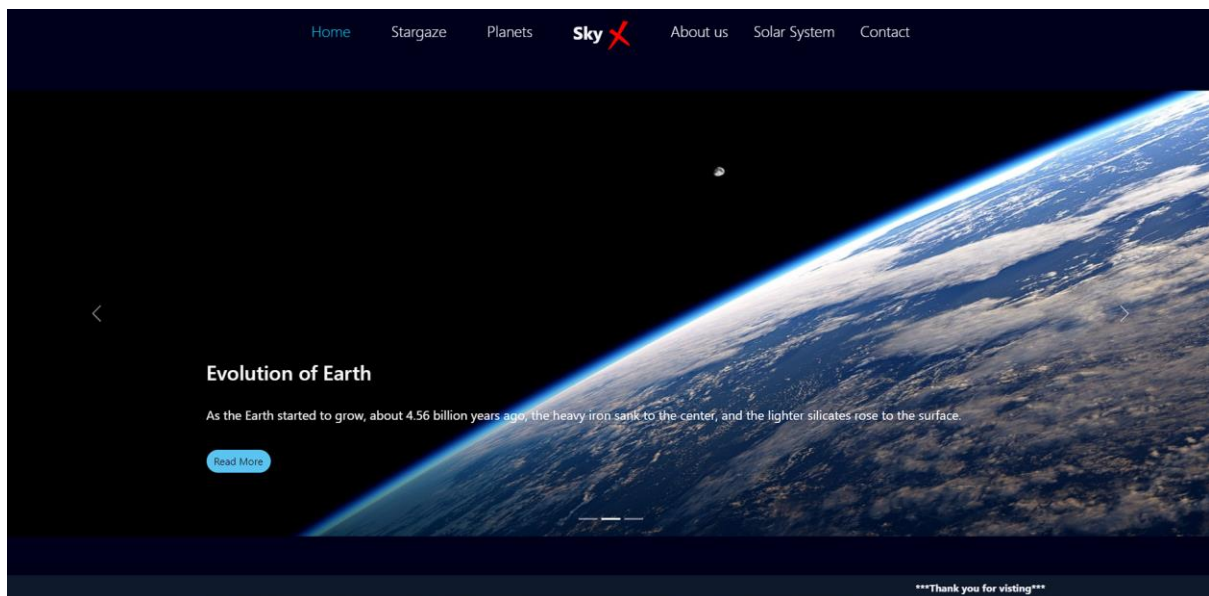
Sir Bilal

Project:

Sky gazing website

Sky X

DEVELOPER'S GUIDE

Aptech North Karachi | First semester |

E-project

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Group Details:

Advisor/Teacher/Instructor	Sir Bilal	
Batch Code	2208G1	
Serial Number	Enrollment Number	Student Name
1	Student1403614	Huzaifa
2	Student1400423	Khizer Ali

Acknowledgment:

The First, we are thankful to our God (Allah S.W.T) who give us strength to solve this Challenging task and improve our skills with the help of our will power.

The Second, we would like to express our special thanks of gratitude to our respectable and honorable teacher Sir Bilal, who helped us and trained us a lot in finalizing this project within the given time frame, valuable counselling and assistance for the accomplishment of this Project.

After all, we are especially thankful to the Aptech eProject team, who give us immense pleasure to address us about eProject. They provide us a new way of learning, which would value add the existing course material that has been provided to us.

eProject Synopsis:

This website gives you every possible detail about planets, solar system, stars, stargazing, etc.

eProject Design:

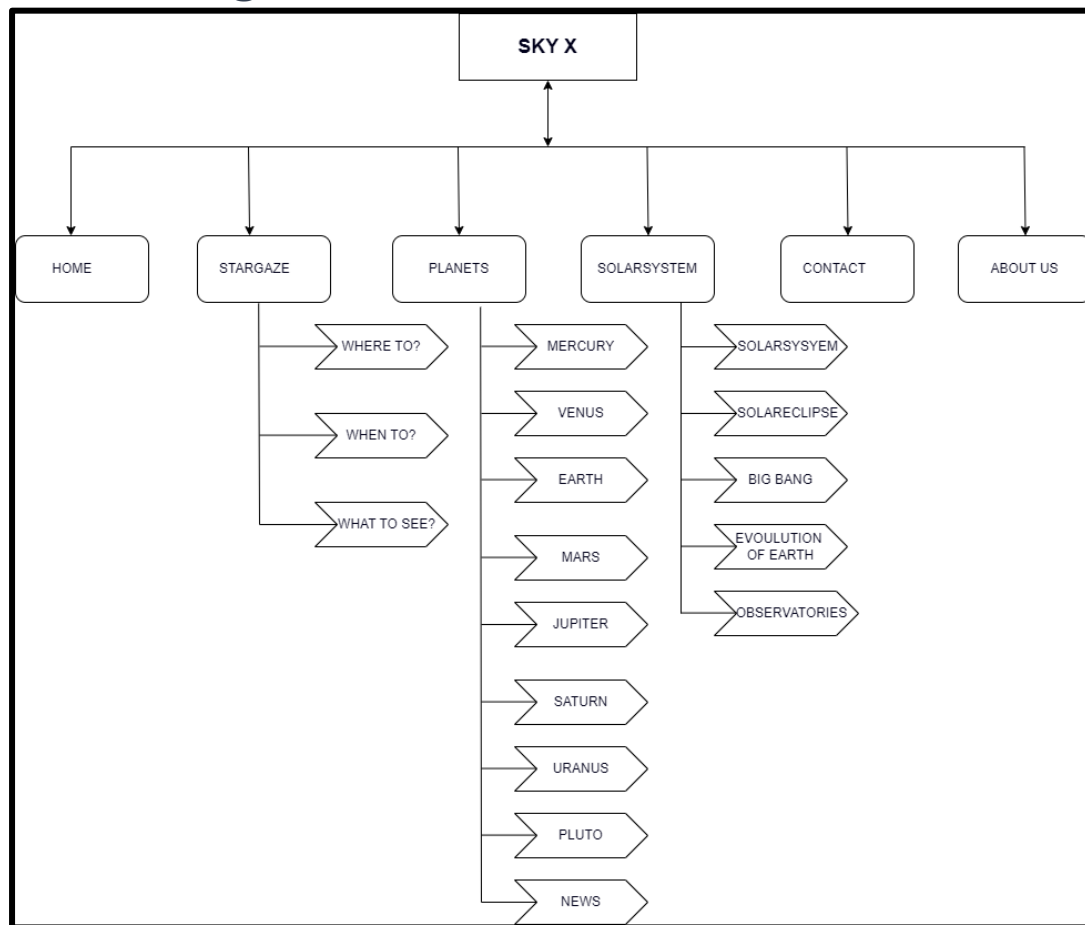**The Website has created based on the following requirements.**

1) Home Page contain logo of the site with proper sections and details of skygazing with suitable images.

2) The site should display a home tab which will contain the options for brief introduction about the solar system, Various planets, skygazing time, location, etc.

3) The information is categorized according to the related pages like if a User wants to see only "PLANETS" he/she can click on a Link/button/menu etc. and can see only that related page.

4) When a user selects any particular tab or option, an information about that will be displayed.

5) A brief summary of everything related to skygazing displayed on the Web Page along with the links but detailed Features should be stored in Individual Word documents which can be downloaded or viewed by the User who wishes to see the same.

6) The user can also see news and about new discoveries in the Blog section.

7) In footer section there will be our "Date" and "Email' section where the users can see that on which social media platforms, they can follow us.
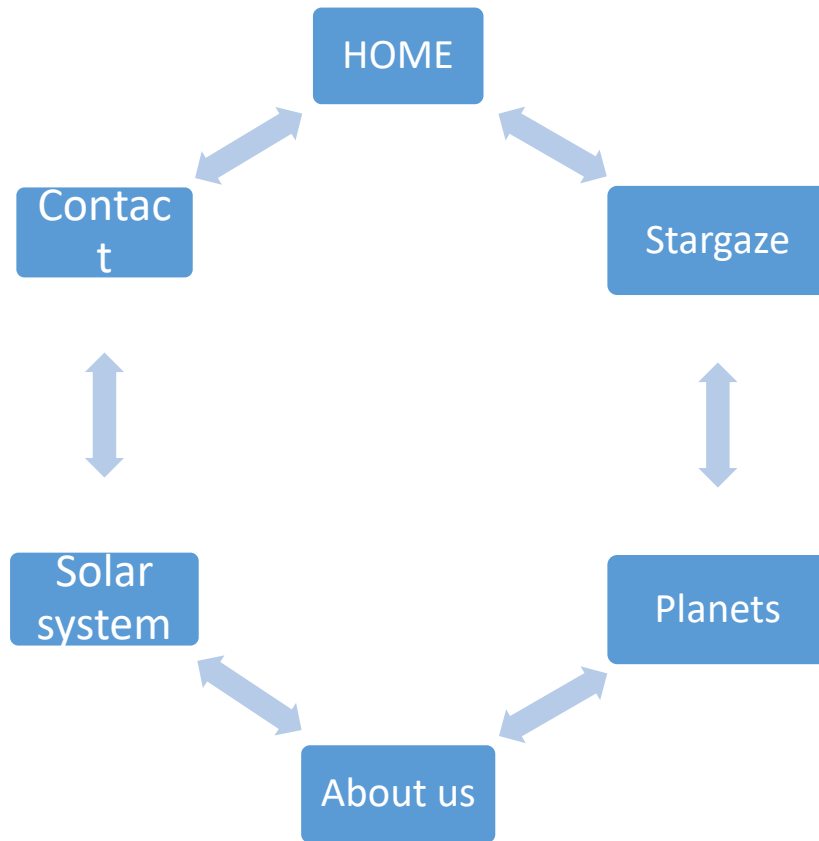
eProject Design:

A data flow diagram (DFD) maps out the flow of information for any process or system. It uses defined symbols like rectangles, circles and arrows, plus short text labels, to show data inputs, outputs, storage points and the routes between each destination. Data flowcharts can range from simple, even hand-drawn process overviews, to in-depth, multi-level DFDs that dig progressively deeper into how the data is handled. They can be used to analyze an existing system or model a new one. Like all the best diagrams and charts, a DFD can often visually "say" things that would be hard to explain in words, and they work for both technical and nontechnical audiences, from developer to CEO. That's why DFDs remain so popular after all these years. While they work well for data flow software and systems, they are less applicable nowadays to visualizing interactive, real-time or database-oriented software or systems.

The Step-by-Step DFD's Diagram is shown below.

DFD'S Diagram

```
                                    ┌──────────┐
                                    │  SKY X   │
                                    └────┬─────┘
                                         ↕
    ┌────────┬──────────┬──────────┬─────┴─────┬──────────┬──────────┐
    │        │          │          │           │          │
┌───────┐ ┌────────┐ ┌────────┐ ┌───────────┐ ┌────────┐ ┌────────┐
│ HOME  │ │STARGAZE│ │PLANETS │ │SOLARSYSTEM│ │CONTACT │ │ABOUT US│
└───────┘ └────────┘ └────────┘ └───────────┘ └────────┘ └────────┘
```

STARGAZE	PLANETS	SOLARSYSTEM
WHERE TO?	MERCURY	SOLARSYSYEM
WHEN TO?	VENUS	SOLARECLIPSE
WHAT TO SEE?	EARTH	BIG BANG
	MARS	EVOULUTION OF EARTH
	JUPITER	OBSERVATORIES
	SATURN	
	URANUS	
	PLUTO	
	NEWS	

PROCESS DIAGRAM

Source Code for main page:

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Sky X</title>
  <link rel="stylesheet" href="./Bootstrap files/bootstrap.min.css">
  <link href="./Bootstrap files/animate.css" type="text/css" rel="stylesheet" />
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css"
rel="stylesheet"
    integrity="sha384-+0n0xVW2eSR5OomGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOOl7+AMvyTG2x"
crossorigin="anonymous">
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.carousel.min.css
"
    integrity="sha512-
tS3S5qG0BlhnQROyJXvNjeEM4UpMXHrQfTGmbQ1gKmelCxlSEBUaxhRBj/EFTzpbP4RVSrpEikbmdJobCvhE3g=="
    crossorigin="anonymous" />
  <link rel="stylesheet"
    href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.theme.defaul
t.min.css"
    integrity="sha512-
sMXtMNL1zRzolHYKEujM2AqCLUR9F2C4/05cdbxjjLSRvMQIciEPCQZo++nk7go3BtSuK9kfa/s+a4f4i5pLkw=="
    crossorigin="anonymous" />
  <link rel="stylesheet" href="planets.html">
  <link rel="icon" href="Title icon.png">
  </head>
<script src="./Bootstrap files/wow.min.js"></script>

<script src="./Bootstrap files/bootstrap.min.js"></script>
<script src="./Bootstrap files/bootstrap.bundle.min.js">


</script>
<script src="https://kit.fontawesome.com/d49b90c6aa.js" crossorigin="anonymous"></script>

<style>

  .dropdown:hover .dropdown-menu {
    display: block;
  }
  .t{
    color:#5bc4f1 ;
    text-align: center;
  }
  .fluid{
    background-color: #0e192c;
  }
  body {

    background-color: #00001a;
  }
  #container {
    position: absolute;
    bottom: 0;
```

```css
    right: 0;
    left: 0;
    padding-bottom: 100px;
  }
.aa{
  border-radius: 40px; background-color: #5bc4f1;
  color: black;
  border: none;
}
.aa:hover {
   background-color: rgb(247, 228, 204);
   border: none;}
.b{
  border-radius: 20px;
}
.b:hover{
  color: black;
}


  .img {
    height: 280px;
  }

  body {
    background: hsl(0, 0, 94%);
  }
</style>

<body>      <!-- Navbar -->
  <nav class="navbar navbar-expand-lg sticky-top  " aria-label="Tenth navbar example"
    style="background-color:transparent">
    <div class="container-fluid">
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarsExample08"
        aria-controls="navbarsExample08" aria-expanded="false" aria-label="Toggle
navigation">
        <span class="navbar-toggler-icon"></span>
      </button>

      <div class="collapse navbar-collapse justify-content-md-center"
id="navbarsExample08">
        <ul class="navbar-nav">
          <li class="nav-item">
            <a class="nav-link text-info fs-4 fw-light mx-4" href="Main.html">Home</a>
          </li>
          <li class="nav-item dropdown">
            <a class="nav-link  text-light fs-4 fw-light mx-4" href="" data-bs-
toggle="dropdown"
              aria-expanded="false">Stargaze</a>
            <ul class="dropdown-menu">
              <li><a class="dropdown-item " href="stargazing.html" >Where to gaze?</a></li>
              <li><a class="dropdown-item " href="stargazing.html#exp">When to
stargaze?</a></li>

              <li><a class="dropdown-item " href="stargazing.html#expe">what can expect in
stargaze?</a></li>

              <hr class="dropdown-divider">
              <li><a class="dropdown-item "
href="stargazing.html#con">Constellations</a></li>
            </ul>
```

```html
            <li class="nav-item dropdown">
                <a class="nav-link  text-light fs-4 fw-light mx-4" href="planets.html" data-bs-
toggle="dropdown"
                    aria-expanded="false">Planets</a>
                <ul class="dropdown-menu">
                    <li><a class="dropdown-item " href="planets.html#mercury">Mercury</a></li>
                    <li><a class="dropdown-item " href="planets.html#venus" >Venus</a></li>
                    <li><a class="dropdown-item " href="planets.html#earth">Earth</a></li>
                    <li><a class="dropdown-item " href="planets.html#mars">Mars</a></li>
                    <li><a class="dropdown-item " href="planets.html#jupiter">Jupiter</a></li>
                    <li><a class="dropdown-item " href="planets.html#saturn">Saturn</a></li>
                    <li><a class="dropdown-item " href="planets.html#uranus">Uranus</a></li>
                    <li><a class="dropdown-item " href="planets.html#neptune">Neptune</a></li>
                    <li><a class="dropdown-item " href="planets.html#pluto">Pluto</a></li>
                    <hr class="dropdown-divider">
                    <li><a class="dropdown-item" href="planets.html#news">News</a></li>
                </ul>
                <li class="nav-item">
                    <a class="nav-link text-light fs-3 fw-bold mx-4" href="#" >Sky <span
class="text-danger fs-3"> <img src="Title icon.png" alt="" height="45px"> </span></a>
                </li>
            <li class="nav-item">
                <a class="nav-link text-light fs-4 fw-light mx-4" href="Aboutus.html">About
us</a>
            </li>


            <li class="nav-item dropdown">
                <a class="nav-link text-light fs-4 fw-light " href="#" data-bs-
toggle="dropdown" aria-expanded="false">Solar
                    System</a>
                <ul class="dropdown-menu">
                    <li><a class="dropdown-item" href="Solarsystem.html#solarsystem">Solar
System</a></li>
                    <li><a class="dropdown-item" href="Solarsystem.html#solareclipse">Solar
Eclipse</a></li>
                    <li><a class="dropdown-item" href="Solarsystem.html#bbb">Big bang
theory</a></li>
                    <li><a class="dropdown-item" href="Solarsystem.html#eoe">Evolution of
Earth</a></li>
                    <hr class="dropdown-divider">
                    <li><a class="dropdown-item"
href="Solarsystem.html#obs">Observatories</a></li>

                </ul>
            </li>
            <li class="nav-item">
                <a class="nav-link text-light fs-4 fw-light mx-4 " href="Contact.html">Contact
</a>
            </li>
        </ul>
    </div>
    </div>
    </nav>    <!-- Navbar End -->

    <br> <br>
                <!-- First caroussel -->
    <div id="carouselExampleCaptions" class="carousel slide carousel-fade " data-bs-
ride="false">
        <div class="carousel-indicators ">
        <button type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide-to="0"
class="active"
```

```html
                aria-current="true" aria-label="Slide 1"></button>
        <button type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide-to="1"
            aria-label="Slide 2"></button>
        <button type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide-to="2"
            aria-label="Slide 3"></button>
    </div>
    <div class="carousel-inner">
        <div class="carousel-item active">
            <img src="./Home Page images/sliderimg2.jpg" class="d-block w-100" alt="..."
height="700 " width="1400">
            <div class="container  text-light" id="container">
                <h2 class="animated bounceInRight " style="animation-delay: 0.5s">Solar
Eclipse</h2> <br>
                <p class="animated bounceInLeft fs-5 " style="animation-delay: 1s">An eclipse of
the Sun happens when the New
                    Moon moves between the Sun and Earth, blocking out the Sun's rays and casting a
shadow on parts of Earth.
                </p> <br>
                <a href="Solarsystem.html#solareclipse" class="btn text-dark animated
bounceInRight aa "  style="animation-delay: 1.5s">Read More
                </a>
            </div>

        </div>
        <div class="carousel-item">
            <img src="./Home Page images/Sliderimg3.jpg" class="d-block w-100" alt="..."
height="700 " width="1400">
            <div class="container text-light" id="container">
                <h2 class="animated bounceInRight " style="animation-delay: 0.5s">Evolution of
Earth</h2> <br>
                <p class="animated bounceInLeft fs-5 " style="animation-delay: 1s">As the Earth
started to grow, about 4.56
                    billion years ago, the heavy iron sank to the center, and the lighter silicates
rose to the surface. </p>
                <br>
                <a href="Solarsystem.html#eoe" class="btn text-dark animated bounceInRight
aa"  style="animation-delay: 1.5s">Read More
                </a>

            </div>
        </div>
        <div class="carousel-item">
            <img src="./Home Page images/Sliderimg1.jpg" class="d-block w-100" alt="..."
height="700 " width="1400">
            <div class="container text-light  "id="container">
                <h2 class="animated bounceInRight " style="animation-delay: 0.5s">Big Bang
Theory</h2> <br>
                <p class="animated bounceInLeft fs-5" style="animation-delay: 1s">The Big Bang
event is a physical theory that
                    describes how the universe expanded from an initial state of high density and
temperature. </p> <br>
                <a href="Solarsystem.html#bbb" class="btn text-dark animated
bounceInRight  aa"  style="animation-delay: 1.5s" >Read More </a>


            </div>
        </div>
    </div>

    <button class="carousel-control-prev" type="button" data-bs-
target="#carouselExampleCaptions" data-bs-slide="prev">
```

```html
        <span class="carousel-control-prev-icon" aria-hidden="true"></span>
        <span class="visually-hidden">Previous</span>
    </button>
    <button class="carousel-control-next" type="button" data-bs-
target="#carouselExampleCaptions" data-bs-slide="next">
        <span class="carousel-control-next-icon" aria-hidden="true"></span>
        <span class="visually-hidden">Next</span>
    </button>
  </div> <!-- caroussel End --> <br><br>
  <hr class="hr hr-horizontal text-info" size="4"> <br>

    <h3 class="text-light fw-light" style="text-align: center;">Want to know more?</h3>

    <h5 class="fw-light t">Hints and tips to help you further your interest in
astronomy</h5>
   <br> <br>
  <div class="col-9 m-auto d-flex"  style="background-color: #0e192c;">
  <img src="./Home Page images/Card img1.jpg" alt="" height="500" width="50%">
  <section class="container mx-5 mt-5 ">
    <h2 class="text-light mt-5 pt-5 px-3">What can you <span style="color: #5bc4f1;">
expect</span>  to see?</h2>
    <p class="text-light fs-5 fw-light mx-3 my-4 " style="text-align: justify;"> Finding
your way around the sky, learning the names of stars and groups of stars that make up
constellations </p>
    <a href="stargazing.html#expe" class="btn btn-lg  mx-3 aa" >Read more</a>
  </section>

  </div>
  <br>
  <div class="col-9 m-auto   d-flex" style="background-color: #0e192c;">
    <section class="container mx-5 mt-5 ">

      <h2 class="text-light mt-5 pt-5 px-3">When <span style="color:
#5bc4f1;">best</span>  to Star Gaze?</h2>
      <p class="text-light fs-5 fw-light mx-3 my-4" style="text-align: justify;"> Autumn,
Winter and Spring offer the best times to stargaze  </p>
      <a href="stargazing.html#exp" class="btn btn-lg  mx-3 aa" >Read more</a>
    </section >
    <img src="./Home Page images/Card im2.jpg" alt="" height="500" width="50%" >
  </div>
  <br>
  <div class="col-9 m-auto d-flex " style="background-color: #0e192c;">
    <img src="./Home Page images/Card img 3.jpg" alt="" height="500" width="50%" >
    <section class="container mx-5 mt-5 ">
      <h2 class="text-light mt-5 pt-5 px-3">Where is best to <span style="color:
#5bc4f1;">Star Gaze?</span> </h2>
      <p class="text-light fs-5 fw-light mx-3 my-4" style="text-align: justify;"> To see
the skies at their very best you need to get away from our light-polluted towns and
cities</p>
      <a href="stargazing.html" class="btn btn-lg  mx-3 aa" >Read more</a>
    </section>
  </div>
  <br>
  <hr class="hr hr-horizontal text-info" size="4">
  <div class="container-fluid my-5">
    <h1 class="text-center fw-bold display-1 mb-5 text-light">Planets <span class="text-
danger">Details</span></h1>
    <div class="row">
      <div class="col-10 m-auto " >
        <div class="owl-carousel owl-theme fs-4 text-light">
          <div class="item mb-4">
            <div class="card border-3 shadow " style="background-color: #0e192c;">
```

```html
                <img src="./Home Page images/mercury.jpg" alt="" class="card-img-top img">
                <div class="card-body">
                  <div class="card-title text-center d-flex justify-content-center">
                    <h4 class="mt-1 text-light" >Mercury</h4>
                    <a href="planets.html#mercury" class="btn btn-danger bg-gradient mx-3 b">
Read More</a>
                  </div>
                </div>
              </div>
            </div>

            <div class="item">
              <div class="card border-3 shadow " style="background-color: #0e192c;">
                <img src="./Home Page images/Venus.jpg" alt="" class="card-img-top img">

                <div class="card-body">
                  <div class="card-title text-center d-flex justify-content-center">
                    <h4 class="mt-1 text-light" >Venus</h4>
                    <a href="planets.html#venus" class="btn btn-danger bg-gradient mx-3 b">
Read More</a>
                  </div>
                </div>
              </div>
            </div>
            <div class="item">
              <div class="card border-3 shadow " style="background-color: #0e192c;">
                <img src="./Home Page images/Earth.jpg" alt="" class="card-img-top img">
                <div class="card-body">
                  <div class="card-title text-center d-flex justify-content-center">
                    <h4 class="mt-1 text-light">Earth</h4>
                    <a href="planets.html#earth" class="btn btn-danger bg-gradient mx-3 b">
Read More</a>
                  </div>
                </div>
              </div>
            </div>
            <div class="item">
              <div class="card border-3 shadow " style="background-color: #0e192c;">
                <img src="./Home Page images/mars.jpg" alt="" class="card-img-top img">
                <div class="card-body">
                  <div class="card-title text-center d-flex justify-content-center">
                    <h4 class="mt-1 text-light">Mars</h4>
                    <a href="planets.html#mars" class="btn btn-danger bg-gradient mx-3 b">
Read More</a>
                  </div>
                </div>
              </div>
            </div>
            <div class="item">
              <div class="card border-3 shadow " style="background-color: #0e192c;">
                <img src="./Home Page images/Jupiterr.jpg" alt="" class="card-img-top img">
                <div class="card-body">
                  <div class="card-title text-center d-flex justify-content-center">
                    <h4 class="mt-1 text-light">Jupiter</h4>
                    <a href="planets.html#jupiter" class="btn btn-danger bg-gradient mx-3 b">
Read More</a>
                  </div>
                </div>
              </div>
            </div>
            <div class="item">
              <div class="card border-3 shadow" style="background-color: #0e192c;">
```

```html
                    <img src="./Home Page images/Satrun.jpg" alt="" class="card-img-top img">
                    <div class="card-body">
                      <div class="card-title text-center d-flex justify-content-center">
                        <h4 class="mt-1 text-light">Satrun</h4>
                        <a href="planets.html#saturn" class="btn btn-danger bg-gradient mx-3 b">
Read More</a>
                      </div>
                    </div>
                  </div>
                </div>
                <div class="item">
                  <div class="card border-3 shadow " style="background-color: #0e192c;">
                    <img src="./Home Page images/uranus.jpg" alt="" class="card-img-top img">
                    <div class="card-body">
                      <div class="card-title text-center d-flex justify-content-center align-
items-center">
                        <h4 class="mt-1 text-light">Uranus</h4>
                        <a href="planets.html#uranus" class="btn btn-danger bg-gradient mx-3 b">
Read More</a>
                      </div>
                    </div>
                  </div>
                </div>
                <div class="item">
                  <div class="card border-3 shadow " style="background-color: #0e192c;">
                    <img src="./Home Page images/neptune.jpg" alt="" class="card-img-top img">
                    <div class="card-body">
                      <div class="card-title text-center d-flex justify-content-center">
                        <h4 class="mt-1 text-light">Neptune</h4>
                        <a href="planets.html#neptune" class="btn btn-danger bg-gradient mx-3 b"
> Read More</a>
                      </div>
                    </div>
                  </div>
                </div>
                <div class="item">
                  <div class="card border-3 shadow " style="background-color: #0e192c;">
                    <img src="./Home Page images/pluto.jpg" alt="" class="card-img-top img">
                    <div class="card-body">
                      <div class="card-title text-center d-flex justify-content-center">
                        <h4 class="mt-1 text-light">Pluto</h4>
                        <a href="planets.html#pluto" class="btn btn-danger bg-gradient mx-3 b">
Read More</a>
                      </div>
                    </div>
                  </div>
                </div>

            </div>

          </div>

        </div>
        <center>
        <a href="planets.html" class="btn btn-lg btn-danger bg-gradient  b my-3 " > All Planets
details </a></center>
      </div>
      <hr class="hr hr-horizontal text-info" size="4">
      <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
      <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-gtEjrD/SeCtmISkJkNUaaKMoLD0//ElJ19smozuHV6z3Iehds+3Ulb9Bn9Plx0x4"
```

```
          crossorigin="anonymous"></script>
        <script
src="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/owl.carousel.min.js"
          integrity="sha512-
bPs7Ae6pVvhOSiIcyUClR7/q2OAsRiovw4vAkX+zJbw3ShAeeqezq50RIIcIURq7Oa20rW2n2q+fyXBNcU9lrw=="
          crossorigin="anonymous"></script>
        <script>
          $('.owl-carousel').owlCarousel({
            loop: true,
            margin: 15,
            nav: true,
            responsive: {
              0: {
                items: 1
              },
              600: {
                items: 2
              },
              1000: {
                items: 3
              }
            }
          })
        </script> <br><br><br><br><br><br><br><br><br>
      <!-- Footer -->
      <footer class=" text-center text-light fluid"> <br>


        <div class="p-4">



          <section class="">
            <form action="">

              <div class="row d-flex justify-content-center">

                <div class="col-auto">
                  <p class="pt-2">
                    <strong>Sign up for our newsletter</strong>
                  </p>
                </div>



                <div class="col-md-5 col-12">

                  <div class="form-outline mb-4">
                    <input type="email" id="form5Example2" class="form-control" />
                    <label class="form-label" for="form5Example2">Email address</label>
                  </div>
                </div>

                 <div class="col-auto">


                  <button type="submit" class="btn btn-primary mb-4">
                    Subscribe
                  </button>
                </div>
```

```html
        </div>

      </form>
    </section>
          </div>
  <section class="mb-4">
      <div id="current_date"></p>
        <script>
        document.getElementById("current_date").innerHTML = Date();
        </script>
    </section><br>
  </div>
</footer>
<!-- Footer End here --> <br>
  <marquee class="navbar fixed-bottom navbar-light  text-light" style="background-color:
#0e192c"><b>***Thank you for visting***</b></marquee>
</body>

</html>
```

Source Code for Planets page:

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

<head>
 <meta charset="UTF-8">
 <meta http-equiv="X-UA-Compatible" content="IE=edge">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Sky X</title>
 <link rel="stylesheet" href="./Bootstrap files/bootstrap.min.css">
 <link href="./Bootstrap files/animate.css" type="text/css" rel="stylesheet" />
 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css" rel="stylesheet"
   integrity="sha384-+0n0xVW2eSR5OomGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOOl7+AMvyTG2x"
crossorigin="anonymous">
 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.carousel.min.css"
   integrity="sha512-
tS3S5qG0BlhnQROyJXvNjeEM4UpMXHrQfTGmbQ1gKmelCxlSEBUaxhRBj/EFTzpbP4RVSrpEikbmdJobCvhE3g=="
   crossorigin="anonymous" />
 <link rel="stylesheet"
   href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.theme.default.min.css"
   integrity="sha512-
sMXtMNL1zRzolHYKEujM2AqCLUR9F2C4/05cdbxjjLSRvMQIciEPCQZo++nk7go3BtSuK9kfa/s+a4f4i5pLkw=="
   crossorigin="anonymous" />
   <link rel="icon" href="Title icon.png">
</head>
<script src="./Bootstrap files/wow.min.js"></script>

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

```html
</script>
<style>
 .aa{
 border-radius: 40px; background-color: #5bc4f1;
 color: black;
 border: none;
}
.aa:hover {
  background-color: rgb(247, 228, 204);
  border: none;}
 body {

  background-color: #00001a;
 }

 .dropdown:hover .dropdown-menu {
  display: block;
 }
 .containera {
  position: absolute;
  bottom: 0;
  right: 0;
  left: 0;
  padding: 0 0 100px 170px;
 }.fluid{
  background-color: #0e192c;
 }
</style>

<body>

 <nav class="navbar navbar-expand-lg sticky-top  " aria-label="Tenth navbar example"
 style="background-color:transparent">
 <div class="container-fluid">
  <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarsExample08"
   aria-controls="navbarsExample08" aria-expanded="false" aria-label="Toggle navigation">
   <span class="navbar-toggler-icon"></span>
  </button>

  <div class="collapse navbar-collapse justify-content-md-center" id="navbarsExample08">
   <ul class="navbar-nav">
    <li class="nav-item">
     <a class="nav-link text-light fs-4 fw-light mx-4" href="Main.html">Home</a>
    </li>
    <li class="nav-item dropdown">
     <a class="nav-link  text-light fs-4 fw-light mx-4" href="" data-bs-toggle="dropdown"
      aria-expanded="false">Stargaze</a>
     <ul class="dropdown-menu">
```

```html
            <li><a class="dropdown-item " href="stargazing.html" >Where to gaze?</a></li>
            <li><a class="dropdown-item " href="stargazing.html#exp">When to stargaze?</a></li>


            <li><a class="dropdown-item " href="stargazing.html#expe">what can expect in stargaze?</a></li>


            <hr class="dropdown-divider">
            <li><a class="dropdown-item" href="stargazing.html#con">Constellations</a></li>
        </ul>
    <li class="nav-item dropdown">
        <a class="nav-link  text-info fs-4 fw-light mx-4" href="planets.html" data-bs-toggle="dropdown"
        aria-expanded="false">Planets</a>
        <ul class="dropdown-menu">
        <li><a class="dropdown-item " href="planets.html#mercury">Mercury</a></li>
        <li><a class="dropdown-item " href="planets.html#venus" >Venus</a></li>
        <li><a class="dropdown-item " href="planets.html#earth">Earth</a></li>
        <li><a class="dropdown-item " href="planets.html#mars">Mars</a></li>
        <li><a class="dropdown-item " href="planets.html#jupiter">Jupiter</a></li>
        <li><a class="dropdown-item " href="planets.html#saturn">Saturn</a></li>
        <li><a class="dropdown-item " href="planets.html#uranus">Uranus</a></li>
        <li><a class="dropdown-item " href="planets.html#neptune">Neptune</a></li>
        <li><a class="dropdown-item " href="planets.html#pluto">Pluto</a></li>
        <hr class="dropdown-divider">
        <li><a class="dropdown-item" href="planets.html#news">News</a></li>
        </ul>
        <li class="nav-item">
            <a class="nav-link text-light fs-3 fw-bold mx-4" href="#" >Sky <span class="text-danger fs-3"> <img src="Title
icon.png" alt="" height="45px"> </span></a>
        </li>
        <li class="nav-item">
            <a class="nav-link text-light fs-4 fw-light mx-4" href="Aboutus.html">About us</a>
        </li>



        <li class="nav-item dropdown">
            <a class="nav-link text-light fs-4 fw-light " href="#" data-bs-toggle="dropdown" aria-expanded="false">Solar
            System</a>
            <ul class="dropdown-menu">
            <li><a class="dropdown-item" href="Solarsystem.html#solarsystem">Solar System</a></li>
            <li><a class="dropdown-item" href="Solarsystem.html#solareclipse">Solar Eclipse</a></li>
            <li><a class="dropdown-item" href="Solarsystem.html#bbb">Big bang theory</a></li>
            <li><a class="dropdown-item" href="Solarsystem.html#eoe">Evolution of Earth</a></li>
            <hr class="dropdown-divider">
            <li><a class="dropdown-item" href="Solarsystem.html#obs">Observatories</a></li>


            </ul>
        </li>
        <li class="nav-item">
            <a class="nav-link text-light fs-4 fw-light mx-4 " href="Contact.html">Contact </a>
```

```html
        </li>
      </ul>
    </div>
  </div>
</nav>
  <br>

  <div class="container">
    <a href="#mercury" id="mercury" class="text-light mx-5 px-5 pb-3 text-decoration-none fw-semibold fs-1">Planet <span
class="text-danger">Mercury</span></a>
    <div class="d-flex">

      <img src="./Planets Page images/1.png" alt="" height="350" width="350">
      <section class="text-light " style="text-align: justify;">
        The smallest planet in our solar system and nearest to the Sun, Mercury is only slightly larger than Earth's
        Moon. <br> <br>
        With a radius of 1,516 miles (2,440 kilometers), Mercury is a little more than 1/3 the width of Earth <br><br>

        It is not known exactly when the planet was first discovered - although it was first observed through telescopes
        in the seventeenth century by astronomers Galileo Galilei and Thomas Harriot. <br><br>

        Only two spacecraft, both robotic and launched by NASA, have visited Mercury so far, making it the least
        explored terrestrial planet. <br><br>
        Mercury has an extremely thin and non-protective atmosphere. For all practical purposes, the atmosphere is
        nearly a vacuum. The sparse atmosphere is primarily composed of oxygen, sodium and hydrogen. <br>
        In reality, the average distance from the Sun to Mercury is roughly 58,000,000 km. The distance of Mercury from
        Earth is currently 215,581,145 kilometers, equivalent to 1.441071 Astronomical Units.

      </section>

    </div>


    <div class="container mx-5 px-5">
      <h1 class="text-light"> <span class="text-danger">Mercury</span> Facts</h1>
      <ul class="text-light">
        <li>
          <p class="text-light">Equator circumference: 15,329km</p>
        </li>
        <li>
          <p class="text-light">Day length: 59 Earth days</p>
        </li>
        <li>
          <p class="text-light">Average orbital speed: 170,500km/h (47km/s)</p>
        </li>
        <li>
          <p class="text-light">Moons: 0</p>
        </li>
```

```html
      </ul>
    </div><br><br>
    <p class="text-center fw-bold display-1 fs-2 text-light text-decoration-none"> Explore <span
      class="text-danger">Mercury</span> <a href="https://solarsystem.nasa.gov/planets/mercury/overview/"
      class="btn btn-danger bg-gradient">Click here</a></p>


  </div>
  <br>
  </div>
  <hr class="hr hr-horizontal text-info" size="4"> <br>
    <div class="container">
    <a href="#venus" id="venus" class="text-light mx-5 px-5 pb-3 text-decoration-none fw-semibold fs-1">Planet <span
class="text-danger">Venus</span></a>
    <div class="d-flex">

      <img src="./Planets Page images/ven.png" alt="" height="350" width="350">
      <section class="text-light px-2" style="text-align: justify;">
      Venus is the second planet from the Sun and is Earth's closest planetary neighbor. It's one of the four inner,
      terrestrial (or rocky) planets, and it's often called Earth's twin because it's similar in size and density <br>
       <br>
      Venus was the first planet to be explored by a spacecraft NASA's Mariner 2 successfully flew by and scanned the
      cloud-covered world on Dec. 14, 1962. Since then, numerous spacecraft from the U.S. and other space agencies
      have explored Venus, including NASA's Magellan, which mapped the planet's surface with radar. <br><br>

      The radius of Venus is 6,052 km. Double that and you get the diameter of Venus: 12,104 km. <br><br>

      At its nearest to Earth, Venus is some 38 million miles (about 61 million kilometers) distant. <br><br>
      Venus atmosphere is one of extremes. With the hottest surface in the solar system, apart from the Sun itself,
      Venus is hotter even than the innermost planet, charbroiled Mercury. <br>


      </section>

    </div>
    <div class="container mx-5 px-5">
     <h1 class="text-light"> <span class="text-danger">Venus</span> Facts</h1>
     <ul class="text-light">
      <li>
       <p class="text-light">Venus has a hostile environment</p>
      </li>
      <li>
       <p class="text-light">Venus has volcanic features.</p>
      </li>
      <li>
       <p class="text-light">Venus is showing mysterious life signals.</p>
      </li>
      <li>
       <p class="text-light">Venus has two sunrises in a year.</p>
```

```html
          </li>
      </ul>
    </div>


  </div>
  <br><br>
  <p class="text-center fw-bold display-1 fs-2 text-light text-decoration-none"> Explore <span class="text-danger">
      Venus</span> <a href="https://solarsystem.nasa.gov/planets/venus/overview/"
      class="btn btn-danger bg-gradient">Click here</a></p>

  </div>
<br>
  </div>
  <hr class="hr hr-horizontal text-info" size="4"> <br>


  <div class="container">
    <a href="#earth" id="earth" class="text-light mx-5 px-5 pb-3 text-decoration-none fw-semibold fs-1">Planet <span
class="text-danger">Earth</span></a>
    <div class="d-flex">

    <img src="./Planets Page images/Earth png.png" alt="" height="350" width="350" class="px-2">
    <section class="text-light " style="text-align: justify;">
    Earth is the third planet from the Sun and the only astronomical object known to harbor life <br> <br>
    The earliest documented mention of the concept dates from around the 5th century BC, when it appears in the
    writings of Greek philosophers. In the 3rd century BC, Hellenistic astronomy established the roughly spherical
    shape of Earth as a physical fact and calculated the Earth's circumference<br><br>

    The shape of the earth is an oblate spheroid and its radius is 6,371 km. There are mainly two types of activity
    that are aphelion and perihelion seen on the earth. <br><br>

    Earth's atmosphere is composed of about 78% nitrogen, 21% oxygen, and one percent other gases. <br><br>
    The distance from sun to Earth is 147.82 million KM <br>
    The third planet from the sun, Earth is the only place in the known universe confirmed to host life. With a
    radius of 3,959 miles, Earth is the fifth largest planet in our solar system, and it's the only one known for
    sure to have liquid water on its surface

    </section>

  </div>
  <div class="container mx-5 px-5">
    <h1 class="text-light"> <span class="text-danger">Earth</span> Facts</h1>
    <ul class="text-light">
      <li>
        <p class="text-light">Earth is not flat, but it's not perfectly round either</p>
      </li>
      <li>
        <p class="text-light">The days are getting longer</p>
```

```html
        </li>
        <li>
          <p class="text-light">The driest place on Earth.</p>
        </li>
        <li>
          <p class="text-light">Earth's gravity isn't uniform</p>
        </li>
      </ul>
    </div><br><br>
    <p class="text-center fw-bold display-1 fs-2 text-light text-decoration-none"> Explore <span
        class="text-danger">Earth</span> <a href="https://solarsystem.nasa.gov/planets/mercury/overview/"
        class="btn btn-danger bg-gradient">Click here</a></p>
  </div>
  <br>
  </div>
  <hr class="hr hr-horizontal text-info" size="4"> <br>
  <div class="container">
    <a id="mars" href="#mars" class="text-light mx-5 px-5 pb-3 text-decoration-none fw-semibold fs-1">Planet <span
class="text-danger">Mars</span></a>
    <div class="d-flex">

      <img src="./Planets Page images/Mars.png" alt="" height="350" width="350">
      <section class="text-light " style="text-align: justify;">
      Mars is the fourth planet from the Sun and the second-smallest planet in the Solar System, being larger than
        only Mercury <br> <br>
      The first telescopic observation of Mars was by Galileo Galilei in 1610. Within a century, astronomers
        discovered distinct albedo features on the planet, including the dark patch Syrtis Major Planum and polar ice
        caps.<br><br>

      It has an equatorial radius of 3,396 km (2,110 miles) and a mean polar radius of 3,379 km (2,100 miles).
        <br><br>

      Mars' atmosphere however is 95% carbon dioxide, 3% nitrogen, 1.6% argon, and it has traces of oxygen, carbon
        monoxide, water, methane, and other gases, along with a lot of dust <br><br>
      Mars is 140 million miles from Earth and 143 million miles from the Sun. <br>
      Mars is also known as the Red Planet. This is because Mars is covered in soil, rock, and dust made from iron
        oxide which gives the surface a red rusty colour.As it's so close to Earth, Mars is the planet that humans will
        most likely step foot on and explore first.
      </section>

    </div>
    <div class="container mx-5 px-5">
      <h1 class="text-light"> <span class="text-danger">Mars</span> Facts</h1>
      <ul class="text-light">
        <li>
          <p class="text-light">Mars Had Water In The Ancient Past</p>
        </li>
        <li>
```

```html
      <p class="text-light">Mars Has Frozen Water Today</p>
    </li>
    <li>
      <p class="text-light">We Have Pieces Of Mars On Earth:</p>
    </li>
    <li>
      <p class="text-light">Mars Used To Have A Thicker Atmosphere</p>
    </li>
  </ul>
</div><br><br>
<p class="text-center fw-bold display-1 fs-2 text-light text-decoration-none"> Explore <span
    class="text-danger">Mars</span> <a href="https://solarsystem.nasa.gov/planets/mercury/overview/"
    class="btn btn-danger bg-gradient">Click here</a></p>


</div>
<br>
</div>
<hr class="hr hr-horizontal text-info" size="4"> <br>
<div class="container">
  <a id="jupiter" href="#jupiter" class="text-light mx-5 px-5 pb-3 text-decoration-none fw-semibold fs-1">Planet <span
class="text-danger">Jupiter</span></a>
  <div class="d-flex">
    <img src="./Planets Page images/jupiter.png" alt="" height="350" width="350">
    <section class="text-light " style="text-align: justify;">
      Jupiter is the fifth planet from the Sun and the largest in the Solar System. It is a gas giant with a mass more
      than two and a half times that of all the other planets in the Solar System. <br> <br>
      While Jupiter has been known since ancient times, the first detailed observations of this planet were made by
      Galileo Galilei in 1610 with a small telescope. <br><br>

      if you were to walk around the equator of Jupiter, you would travel 272,946 miles (439,264 km)


      <br><br>


      Atmosphere and Weather: Jupiter's extremely dense and relatively dry atmosphere is composed of a mixture of
      hydrogen, helium and much smaller amounts of methane and ammonia <br><br>
      Jupiter orbits about 484 million miles (778 million kilometers) <br>
      Jupiter's stripes and swirls are actually cold, windy clouds of ammonia and water, floating in an atmosphere of
      hydrogen and helium.

    </section>

</div>
<div class="container mx-5 px-5">
  <h1 class="text-light"> <span class="text-danger">Jupiter</span> Facts</h1>
  <ul class="text-light">
    <li>
      <p class="text-light">Jupiter Is Massive</p>
    </li>
```

```html
    <li>
      <p class="text-light">Jupiter Cannot Become A Star</p>
    </li>
    <li>
      <p class="text-light">The Clouds On Jupiter Are Only 50 km Thick</p>
    </li>
    <li>
      <p class="text-light">Jupiter Is The Fastest Spinning Planet In The Solar System</p>
    </li>
  </ul>
</div><br><br>
<p class="text-center fw-bold display-1 fs-2 text-light text-decoration-none"> Explore <span
  class="text-danger">Jupiter</span> <a href="https://solarsystem.nasa.gov/planets/mercury/overview/"
  class="btn btn-danger bg-gradient">Click here</a></p>


</div>
<br>
</div>
<hr class="hr hr-horizontal text-info" size="4"> <br>

<div class="container">
  <a id="saturn" href="#saturn" class="text-light mx-5 px-5 pb-3 text-decoration-none fw-semibold fs-1">Planet <span
class="text-danger">Satrun</span></a>
  <div class="d-flex">

    <img src="./Planets Page images/Saturnn.png" alt="" height="350" width="450">
    <section class="text-light " style="text-align: justify;">
      Saturn is the sixth planet from the Sun and the second-largest in the Solar System, after Jupiter. <br> <br>
      Galileo first observed Saturn through his telescope in July, 1610. He had already announced his discovery of the
      moons of Jupiter, but Saturn <br><br>

      With a radius of 36,183.7 miles (58,232 kilometers), Saturn is 9 times wider than Earth. <br><br>

      Hydrogen makes up nearly all of the atmosphere, with lesser amounts of helium and much lesser quantities of
      methane and ammonia. Saturn also has clouds made of ammonia ice crystals. <br><br>
      From an average distance of 886 million miles (1.4 billion kilometers), Saturn is 9.5 astronomical units away
      from the Sun. Its closest distance to Earth is about 1.2 billion km (746 million miles), <br>
      A year on Saturn is more than 29 Earth years. Saturn spins on its axis very fast. A day on Saturn is 10 hours
      and 14 minutes.

    </section>

  </div>
  <div class="container mx-5 px-5">
    <h1 class="text-light"> <span class="text-danger">Satrun</span> Facts</h1>
    <ul class="text-light">
      <li>
        <p class="text-light">You cannot stand on Saturn</p>
```

```html
        </li>
        <li>
          <p class="text-light">Some of these bits are as small as grains of sand.</p>
        </li>
        <li>
          <p class="text-light">The rings are huge but thin.</p>
        </li>
        <li>
          <p class="text-light">Its beautiful rings are not solid</p>
        </li>
      </ul>
    </div><br><br>
    <p class="text-center fw-bold display-1 fs-2 text-light text-decoration-none"> Explore <span
        class="text-danger">Satrun</span> <a href="https://solarsystem.nasa.gov/planets/mercury/overview/"
        class="btn btn-danger bg-gradient">Click here</a></p>


  </div>
  <br>
</div>
<hr class="hr hr-horizontal text-info" size="4">  <br>
<div class="container">
  <a id="uranus" href="#uranus" class="text-light mx-5 px-5 pb-3 text-decoration-none fw-semibold fs-1">Planet <span
class="text-danger">Uranus</span></a>
  <div class="d-flex">

    <img src="./Planets Page images/urnaus.png" alt="" height="350" width="350" class="px-2">
    <section class="text-light " style="text-align: justify;">
      Uranus is the seventh planet from the Sun. Its name is a reference to the Greek god of the sky, Uranus (Caelus),
      who, according to Greek mythology, was the great-grandfather of Ares (Mars), grandfather of Zeus (Jupiter) and
      father of Cronus (Saturn). <br> <br>
      It was the first planet found with the aid of a telescope, Uranus was discovered in 1781 <br><br>

      With a radius of 15,759.2 miles (25,362 kilometers), Uranus is 4 times wider than Earth <br><br>

      Uranus' atmosphere is mostly hydrogen and helium, with a small amount of methane and traces of water and ammonia
      <br><br>
      Uranus lies 1.7 billion miles from Earth and 1.8 billion miles from the Sun. <br><br>
      Uranus is made of water, methane, and ammonia fluids above a small rocky center. Its atmosphere is made of
      hydrogen and helium like Jupiter and Saturn, but it also has methane

    </section>

  </div>
  <div class="container mx-5 px-5">
    <h1 class="text-light"> <span class="text-danger">Uranus</span> Facts</h1>
    <ul class="text-light">
      <li>
        <p class="text-light">You could fit 63 Earths inside Uranus.</p>
```

```html
      </li>
      <li>
       <p class="text-light">Uranus is an 'Ice Giant'</p>
      </li>
      <li>
       <p class="text-light">A Season on Uranus lasts one long day : 42 years </p>
      <li>
       <p class="text-light">Uranus has 27 moons</p>
      </li>
     </ul>
    </div><br><br>
    <p class="text-center fw-bold display-1 fs-2 text-light text-decoration-none"> Explore <span
      class="text-danger">Uranus</span> <a href="https://solarsystem.nasa.gov/planets/mercury/overview/"
      class="btn btn-danger bg-gradient">Click here</a></p>
   </div>
   <br>
  </div>
  <hr class="hr hr-horizontal text-info" size="4"> <br>

  <div class="container">
   <a id="neptune" href="#neptune" class="text-light mx-5 px-5 pb-3 text-decoration-none fw-semibold fs-1">Planet <span
class="text-danger">Neptune</span></a>
   <div class="d-flex">

    <img src="./Planets Page images/Neptune.png" alt="" height="350" width="350">
    <section class="text-light " style="text-align: justify;">
     Neptune is the eighth planet from the Sun and the farthest known planet in the Solar System. It is the
     fourth-largest planet in the Solar System by diameter, the third-most-massive planet <br> <br>
     On September 23, 1846, Le Verrier informed Galle of his findings, and the same night Galle and his assistant
     Heinrich Louis d'Arrest identified Neptune at their observatory in Berlin. <br><br>

     With a radius of 15,299.4 miles (24,622 kilometers), Neptune is about four times wider than Earth. <br><br>

     Neptune's thick atmosphere is mostly hydrogen, with smaller amounts of helium and methane. <br><br>
     From an average distance of 2.8 billion miles (4.5 billion kilometers), Neptune is 30 astronomical units away from the
Sun. Earth line up on the same side of the sun, at their closest, they are only 2.7 billion miles (4.3 billon kilometers) apart
<br>
     Neptune is dark, cold, and very windy. It's the last of the planets in our solar system. It's more than 30 times as far from
the Sun as Earth is. Neptune is very similar to Uranus.

    </section>

   </div>
   <div class="container mx-5 px-5">
    <h1 class="text-light"> <span class="text-danger">Neptune</span> Facts</h1>
    <ul class="text-light">
     <li>
      <p class="text-light">Giant. Neptune is about four times wider than Earth</p>
```

```html
    </li>
    <li>
     <p class="text-light">Short Day, Long Year</p>
    </li>
    <li>
     <p class="text-light">Neptune is an 'Ice Giant'</p>
    </li>
    <li>
     <p class="text-light">There are arguments over who discovered Neptune.</p>
    </li>
   </ul>
  </div><br><br>
  <p class="text-center fw-bold display-1 fs-2 text-light text-decoration-none"> Explore <span
    class="text-danger">Neptune</span> <a href="https://solarsystem.nasa.gov/planets/mercury/overview/"
    class="btn btn-danger bg-gradient">Click here</a></p>


 </div>
 <br>
 </div>
 <hr class="hr hr-horizontal text-info" size="4">  <br>
 <div class="container">
  <a id="pluto" href="#pluto" class="text-light mx-5 px-5 pb-3 text-decoration-none fw-semibold fs-1">Planet <span
class="text-danger">Pluto</span></a>
  <div class="d-flex" style="text-align: justify;">

   <img src="./Planets Page images/PLUTO.png" alt="" height="350" width="350">
   <section class="text-light ">
    Pluto is a dwarf planet in the Kuiper belt, a ring of bodies beyond the orbit of Neptune. It is the ninth-largest and tenth-
most-massive known object to directly orbit the Sun <br> <br>
    The object formerly known as the planet Pluto was discovered on February 18, 1930 at the Lowell Observatory<br><br>

    Mission scientists have found Pluto to be 1,473 miles (2,370 kilometers) in diameter, somewhat larger than many prior
estimates. <br><br>

    Pluto has a thin, tenuous atmosphere that expands when it comes closer to the Sun and collapses as it moves farther
away <br><br>
    (One AU is the mean distance between Earth and the Sun: about 93 million miles or 150 million kilometers.) But on
average, Pluto is 3.7 billion miles (5.9 billion kilometers) away from the Sun, or 39 AU. <br>
    Pluto is a dwarf planet that lies in the Kuiper Belt, an area full of icy bodies and other dwarf planets out past Neptune.
Pluto is very small, only about half the width of the United States and its biggest moon Charon is about half the size of Pluto.

   </section>

  </div>
  <div class="container mx-5 px-5">
   <h1 class="text-light"> <span class="text-danger">Pluto</span> Facts</h1>
   <ul class="text-light">
    <li>
```

```html
      <p class="text-light">Pluto is smaller than Earth's moon but larger than previously thought.</p>
    </li>
    <li>
      <p class="text-light"> Pluto has a heart shape on its surface.</p>
    </li>
    <li>
      <p class="text-light">An 11-year-old girl gave Pluto its name.</p>
    </li>
    <li>
      <p class="text-light">Pluto is only about half the width of the United States.</p>
    </li>
  </ul>
</div><br><br>
<p class="text-center fw-bold display-1 fs-2 text-light text-decoration-none"> Explore <span
    class="text-danger">Pluto</span> <a href="https://solarsystem.nasa.gov/planets/mercury/overview/"
    class="btn btn-danger bg-gradient">Click here</a></p>


</div>
<br></div>
<hr class="hr hr-horizontal text-info" size="4"> <br>
<div class="container">
<a id="news" href="#news" class="text-light mx-5 px-5 pb-3 text-decoration-none fw-semibold fs-1">Latest <span
class="text-danger">News</span></a>
<br> <br>

<div id="carouselExampleCaptions" class="carousel slide carousel-fade " data-bs-ride="false">
  <div class="carousel-indicators ">
    <button type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide-to="0" class="active"
    aria-current="true" aria-label="Slide 1"></button>
    <button type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide-to="1"
    aria-label="Slide 2"></button>
    </div>
  <div class="carousel-inner">
    <div class="carousel-item active">
    <img src="./Planets Page images/news1.jpg" class="d-block w-100" alt="..." height="700 " width="1400">
    <div class="containera text-light">
      <h2 class="animated bounceInRight " style="animation-delay: 0.5s">The sun is reawakening</h2> <br>

      <a href="#" class="btn text-dark animated bounceInRight aa "  style="animation-delay: 1.5s">Read More
      </a>
    </div>

  </div>
  <div class="carousel-item">
    <img src="./Planets Page images/news2.jpg" class="d-block w-100" alt="..." height="700 " width="1400">
    <div class="containera text-light">
      <h2 class="animated bounceInRight " style="animation-delay: 0.5s">Scientists spot the closest-known black hole to
Earth</h2> <br>
```

```html
        <a href="#" class="btn text-dark animated bounceInRight aa"  style="animation-delay: 1.5s">Read More
        </a>


      </div>
     </div>
     </div>


   <button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide="prev">
     <span class="carousel-control-prev-icon" aria-hidden="true"></span>
     <span class="visually-hidden">Previous</span>
   </button>
   <button class="carousel-control-next" type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide="next">
     <span class="carousel-control-next-icon" aria-hidden="true"></span>
     <span class="visually-hidden">Next</span>
   </button>

 </div>

</div>

 <br><br><br><br><br><br><br><br><br><br><br><br>
 <!-- Footer -->
 <footer class=" text-center text-light fluid"> <br>



 <div class="p-4">



   <section class="">
     <form action="">

       <div class="row d-flex justify-content-center">

         <div class="col-auto">
           <p class="pt-2">
             <strong>Sign up for our newsletter</strong>
           </p>
         </div>



         <div class="col-md-5 col-12">

           <div class="form-outline mb-4">
             <input type="email" id="form5Example2" class="form-control" />
             <label class="form-label" for="form5Example2">Email address</label>
           </div>
         </div>
```

```
    <div class="col-auto">


      <button type="submit" class="btn btn-primary mb-4">
        Subscribe
      </button>
    </div>


  </div>


 </form>
 </section>
    </div>
<section class="mb-4">
  <div id="current_date"></p>
   <script>
   document.getElementById("current_date").innerHTML = Date();
   </script>
  </section><br>
 </div>
</footer>
<!-- Footer End here --> <br>
 <marquee class="navbar fixed-bottom navbar-light  text-light" style="background-color: #0e192c"><b>***Thank you for
    visting***</b></marquee>
</body>

</html>
```

Source Code for Stargaze page:

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

<head>
 <meta charset="UTF-8">
 <meta http-equiv="X-UA-Compatible" content="IE=edge">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Sky X</title>
 <link rel="stylesheet" href="./Bootstrap files/bootstrap.min.css">
 <link href="./Bootstrap files/animate.css" type="text/css" rel="stylesheet" />
 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css" rel="stylesheet"
   integrity="sha384-+0n0xVW2eSR5OomGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOOl7+AMvyTG2x"
crossorigin="anonymous">
 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.carousel.min.css"
   integrity="sha512-
tS3S5qG0BlhnQROyJXvNjeEM4UpMXHrQfTGmbQ1gKmelCxlSEBUaxhRBj/EFTzpbP4RVSrpEikbmdJobCvhE3g=="
   crossorigin="anonymous" />
```

```html
  <link rel="stylesheet"
    href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.theme.default.min.css"
    integrity="sha512-
sMXtMNL1zRzolHYKEujM2AqCLUR9F2C4/05cdbxjjLSRvMQIciEPCQZo++nk7go3BtSuK9kfa/s+a4f4i5pLkw=="
    crossorigin="anonymous" />
  <link rel="icon" href="Title icon.png">
</head>
<script src="./Bootstrap files/wow.min.js"></script>

<script src="./Bootstrap files/bootstrap.min.js"></script>
<script src="./Bootstrap files/bootstrap.bundle.min.js">

</script>
</head>
<style>
.fluid{
  background-color: #0e192c;
 }
body {

  background-color: #00001a;
 }
 .dropdown:hover .dropdown-menu {
  display: block;
 }
</style>
<body>
 <nav class="navbar navbar-expand-lg sticky-top  " aria-label="Tenth navbar example"
 style="background-color:transparent">
 <div class="container-fluid">
  <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarsExample08"
    aria-controls="navbarsExample08" aria-expanded="false" aria-label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
  </button>

  <div class="collapse navbar-collapse justify-content-md-center" id="navbarsExample08">
   <ul class="navbar-nav">
    <li class="nav-item">
     <a class="nav-link text-light fs-4 fw-light mx-4" href="Main.html">Home</a>
    </li>
    <li class="nav-item dropdown">
     <a class="nav-link  text-info fs-4 fw-light mx-4" href="" data-bs-toggle="dropdown"
      aria-expanded="false">Stargaze</a>
     <ul class="dropdown-menu">
      <li><a class="dropdown-item " href="stargazing.html" >Where to gaze?</a></li>
      <li><a class="dropdown-item " href="stargazing.html#exp">When to stargaze?</a></li>

      <li><a class="dropdown-item " href="stargazing.html#expe">what can expect in stargaze?</a></li>
```

```html
      <hr class="dropdown-divider">
      <li><a class="dropdown-item" href="stargazing.html#con">Constellations</a></li>
    </ul>
    <li class="nav-item dropdown">
      <a class="nav-link  text-light fs-4 fw-light mx-4" href="planets.html" data-bs-toggle="dropdown"
      aria-expanded="false">Planets</a>
      <ul class="dropdown-menu">
      <li><a class="dropdown-item " href="planets.html#mercury">Mercury</a></li>
      <li><a class="dropdown-item " href="planets.html#venus" >Venus</a></li>
      <li><a class="dropdown-item " href="planets.html#earth">Earth</a></li>
      <li><a class="dropdown-item " href="planets.html#mars">Mars</a></li>
      <li><a class="dropdown-item " href="planets.html#jupiter">Jupiter</a></li>
      <li><a class="dropdown-item " href="planets.html#saturn">Saturn</a></li>
      <li><a class="dropdown-item " href="planets.html#uranus">Uranus</a></li>
      <li><a class="dropdown-item " href="planets.html#neptune">Neptune</a></li>
      <li><a class="dropdown-item " href="planets.html#pluto">Pluto</a></li>
      <hr class="dropdown-divider">
      <li><a class="dropdown-item" href="planets.html#news">News</a></li>
    </ul>
    <li class="nav-item">
      <a class="nav-link text-light fs-3 fw-bold mx-4" href="#" >Sky <span class="text-danger fs-3"> <img src="Title
icon.png" alt="" height="45px"> </span></a>
    </li>
    <li class="nav-item">
      <a class="nav-link text-light fs-4 fw-light mx-4" href="Aboutus.html">About us</a>
    </li>


    <li class="nav-item dropdown">
      <a class="nav-link text-light fs-4 fw-light " href="#" data-bs-toggle="dropdown" aria-expanded="false">Solar
      System</a>
      <ul class="dropdown-menu">
      <li><a class="dropdown-item" href="Solarsystem.html#solarsystem">Solar System</a></li>
      <li><a class="dropdown-item" href="Solarsystem.html#solareclipse">Solar Eclipse</a></li>
      <li><a class="dropdown-item" href="Solarsystem.html#bbb">Big bang theory</a></li>
      <li><a class="dropdown-item" href="Solarsystem.html#eoe">Evolution of Earth</a></li>
      <hr class="dropdown-divider">
      <li><a class="dropdown-item" href="Solarsystem.html#obs">Observatories</a></li>

    </ul>
    </li>
    <li class="nav-item">
      <a class="nav-link text-light fs-4 fw-light mx-4 " href="Contact.html">Contact </a>
    </li>
    </ul>
  </div>
 </div>
```

```html
</nav> <br><br>
    <div class="container px-5" style="text-align: justify;">
    <img src="./Stargazing page images/benjamin-voros-phIFdC6lA4E-unsplash.jpg" alt="" height="600" width="1200" >
    <a href="#expect" id="expect" class="text-light  pb-3 text-decoration-none fw-semibold fs-1">Where is best to <span
style="color: #5bc4f1;">Stargaze?</span></a>
    <p class="text-light fw-light fs-5"> There are a couple of things to consider when deciding where to stargaze from and
this mainly depends on what you are hoping to see. </p>
    <p class="text-light fw-light fs-3">How far to <span style="color: #5bc4f1;">travel</span></p>
    <p class="text-light fw-light fs-5">If you are hoping to see our Milky Way galaxy arching overhead or wanting to observe
dim and distant objects through a telescope in any great detail you'll need to travel to a location that is reasonably dark, free
from the worst light pollution and on a Moonless night outside of Summertime (bright Moonlight spoils the view of starry
skies and it barely gets dark during mid-Summer!).</p>
    <p class="text-light fw-light fs-5">If however, you'd rather not travel too far, or if the weather is looking promising
however there is going to be Moonlight illuminating the sky, the opportunity still exists from urban or suburban areas to
observe the moon, planets and even some of the brighter deep-sky objects, all of which look fantastic through a
telescope!</p>
    <img src="./Stargazing page images/how-far-to-travel-stargazing-768x512.jpg" alt="">
    <p class="text-light fw-light fs-3">Escape from light pollution</p>
    <p class="text-light fw-light fs-5">
        To see the skies at their very best you need to get away from our light-polluted towns and cities, driving just a few
miles out of town to semi-rural areas can make a huge difference. All of the locations we feature on our website have an
estimate of the <span style="color: #5bc4f1;"> local light pollution </span>  levels and give an example of how the skies
might look from that venue.
    </p>
    <p class="text-light fw-light fs-5"> To get the best views of our star-filled Milky Way galaxy requires finding a really
<span style="color: #5bc4f1;">dark sky site</span> and for most people that means travelling some distance. </p>
    <p class="text-light fw-light fs-3">Private venues</p>

    <p class="text-light fw-light fs-5"> Finally, there are many stargazing venues that organise ad-hoc stargazing events and
are accessible only during these events — these locations appear on the events map only when they have an event
scheduled. </p>
    <p class="text-light fw-light fs-5">If you're set on where to go, how about some advice on <span style="color:
#5bc4f1;">what to take with you?</span> </p>


  <br>


  </div>
  <hr class="hr hr-horizontal text-info" size="4"> <br>
  <div class="container px-5" style="text-align: justify;">

    <a href="#exp" id="exp" class="text-light  pb-3 text-decoration-none fw-semibold fs-1">When best to <span
style="color: #5bc4f1;">Stargaze?</span></a>
    <p class="text-light fw-light fs-5"> Several factors will affect your stargazing experience. Here we share hints and tips on
making your stargazing trip worthwhile and help you choose when is the best time to go stargazing. </p>
    <p class="text-light fw-light fs-3">Moon<span style="color: #5bc4f1;">light</span></p>
```

```html
    <p class="text-light fw-light fs-5">Natural moonlight washes out the light from most stars leaving only the brightest
visible and is most noticeable around the time of the full-Moon. When the Moon is at its brightest fewer stars can be seen.
Therefore, the time during full Moon is the worst time to stargaze — at this time, even dark sky sites free from artificial light
pollution are no darker than a city centre!</p>
    <p class=" fw-light fs-5" style="color: #5bc4f1;">The best time to go stargazing is the days before, during and soon after
each new Moon, when there is no Moon in the sky.</p>
    <img src="./Stargazing page images/3.jpg" alt="" height="500" width="778" >
    <p class="text-light fw-light fs-3">Summer<span style="color: #5bc4f1;"> twilight</span></p>
    <p class="text-light fw-light fs-5">
        Summer months mean long days and short nights and, therefore, significantly reduce stargazing opportunities. Hours
of morning and evening twilight are longer during the summer. The skies take longer to get dark after sunset and get lighter
earlier before sunrise leaving only a short period to view dark skies. Around the summer solstice (the longest day),<span
style="color: #5bc4f1;"> it hardly gets dark at all!</span> </p>
        <img src="./Stargazing page images/johannes-plenio-qkfxBc2NQ18-unsplash.jpg" alt="" height="500" width="778" >
        <p class="text-light fw-light fs-5"> Skies do not get dark until late <span style="color: #5bc4f1;">through
Summer</span> </p>
    <p class="text-light fw-light fs-3">Planning a <span style="color: #5bc4f1;">stargazing</span> trip?</p>

    <p class="text-light fw-light fs-5"> If you are thinking of travelling to a remote dark sky site or observatory, use our dark
sky calendar to identify those dates which are going to be free of moonlight and twilight. Once you've identified the best
dates have a look at where you might go stargazing for advice on locations and what you should take with you. </p>
    <img src="./Stargazing page images/wei-pan-Ta0A1miYZKc-unsplash.jpg" alt="" height="500" width="778">




    </div> <br>
    <hr class="hr hr-horizontal text-info" size="4"> <br>
    <div class="container px-5" style="text-align: justify;">

    <a href="#expe" id="expe" class="text-light  pb-3 text-decoration-none fw-semibold fs-1">What can you expect <span
style="color: #5bc4f1;">to see?</span></a>

    <p class="text-light fw-light fs-5"> There are many incredible sights to behold when you go <span style="color:
#5bc4f1;">stargazing!</span> From a dark sky location, the human eye can see approximately 2,500 stars without any visual
aid, this compared to perhaps only 100 from a town or city. </p>
    <p class="text-light fw-semibold fs-3">The  <span style="color: #5bc4f1;">Milky Way</span></p>
    <img src="./Stargazing page images/milky.jpg" alt="">
    <p class="text-light fw-light fs-5">When viewed from a dark site with just your eyes the <span style="color:
#5bc4f1;">Milky Way</span>  looks truly incredible! Indeed, the main reason we created this Go Stargazing website is to
encourage as many of you as possible to get out there and see it for yourselves!</p>
    <p class="text-light fw-light fs-5" >The Milky Way is the name given not only to the Galaxy that we live in but also to the
band of light that stretches across the sky, formed by the collective light of billions of distant stars. It's a truly memorable
experience, whenever you get to see it, and really gives a sense of our place in the Universe.</p>

    <p class="text-light fw-semibold fs-3">Meteor Showers</p>
    <img src="./Stargazing page images/mer.jpg" alt="">
```

```html
    <p class="text-light fw-light fs-5">
        A meteor, also known as a shooting star, is a tiny piece of dust normally only about the size of a grain of sand. These
    particles disintegrate as they enter Earth's atmosphere, causing them to glow brightly as they encounter friction and
    disintegrate. </p>

        <p class="text-light fw-light fs-5"> Meteors can be seen all year round, especially from dark sky sites, however, there
    are periods throughout the year where they are more prolific and many can be seen in a relatively short period of time. This
    is due to Earth's orbit around the Sun where it frequently encounters huge clouds of dust particles leftover from asteroids
    and the tails of comets, as Earth passes through these dust clouds more shooting stars can be seen.</p>
        <br> <hr class="hr hr-horizontal text-info" size="4">  <br>
        <a href="#con" id="con" class="text-light  pb-3 text-decoration-none fw-semibold fs-1"> Constellations</a>

        <p class="text-light fw-light fs-5"> Finding your way around the sky, learning the names of stars and groups of stars that
    make up constellations, can be really good fun! Even in light-polluted areas, there are enough bright stars visible to make it
    possible to recognise a good number of constellations, this knowledge can come in really useful when you visit a dark sky
    site. </p>
        <p class="text-light fw-light fs-5" >Most star names are Arabic — historically Arabs were amazing astronomers who
    benefited from the most amazing pre-light-pollution views of the skies. One famous star, Betelguese (pronounced "betel-
    gurz" or if you prefer "beetle-juice"), is Arabic for "armpit". This bright orange star in the constellation of Orion (the Hunter)
    marks the location where he holds his club in the air! </p>
        <img src="./Stargazing page images/what-you-can-see-constellations-768x512.png" alt="">




    </div>
    <br><hr class="hr hr-horizontal text-info" size="4"> <br>




    <br><br><br><br><br><br> <!-- Footer -->
    <footer class=" text-center text-light fluid"> <br>



    <div class="p-4">



        <section class="">
        <form action="">

        <div class="row d-flex justify-content-center">

            <div class="col-auto">
            <p class="pt-2">
                <strong>Sign up for our newsletter</strong>
            </p>
            </div>
```

```
        <div class="col-md-5 col-12">

          <div class="form-outline mb-4">
            <input type="email" id="form5Example2" class="form-control" />
            <label class="form-label" for="form5Example2">Email address</label>
          </div>
        </div>

          <div class="col-auto">


          <button type="submit" class="btn btn-primary mb-4">
            Subscribe
          </button>
          </div>

        </div>

      </form>
    </section>
        </div>
  <section class="mb-4">
    <div id="current_date"></p>
      <script>
      document.getElementById("current_date").innerHTML = Date();
      </script>
    </section><br>
  </div>
 </footer>
 <!-- Footer End here --> <br>
  <marquee class="navbar fixed-bottom navbar-light  text-light" style="background-color: #0e192c"><b>***Thank you for
visting***</b></marquee>

</body>
</html>
```

Source code for About us:

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


<head>
 <meta charset="UTF-8">
 <meta http-equiv="X-UA-Compatible" content="IE=edge">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```html
<title>Sky X</title>
<link rel="stylesheet" href="./Bootstrap files/bootstrap.min.css">

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css" rel="stylesheet"
  integrity="sha384-+0n0xVW2eSR5OomGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOOl7+AMvyTG2x"
crossorigin="anonymous">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.carousel.min.css"
  integrity="sha512-
tS3S5qG0BlhnQROyJXvNjeEM4UpMXHrQfTGmbQ1gKmelCxlSEBUaxhRBj/EFTzpbP4RVSrpEikbmdJobCvhE3g=="
  crossorigin="anonymous" />
<link rel="stylesheet"
  href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.theme.default.min.css"
  integrity="sha512-
sMXtMNL1zRzolHYKEujM2AqCLUR9F2C4/05cdbxjjLSRvMQIciEPCQZo++nk7go3BtSuK9kfa/s+a4f4i5pLkw=="
  crossorigin="anonymous" />
<link rel="icon" href="Title icon.png">
</head>
<script src="./Bootstrap files/wow.min.js"></script>

<script src="./Bootstrap files/bootstrap.min.js"></script>
<script src="./Bootstrap files/bootstrap.bundle.min.js">

</script>
<style>
  .fluid{
    background-color: #0e192c;
  }
    body {

background-color: #00001a;
}
.dropdown:hover .dropdown-menu {
  display: block;
}
  }
</style>
<body>
                <!-- Navbar -->
<nav class="navbar navbar-expand-lg sticky-top  " aria-label="Tenth navbar example"
style="background-color:transparent">
<div class="container-fluid">
  <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarsExample08"
    aria-controls="navbarsExample08" aria-expanded="false" aria-label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
  </button>

  <div class="collapse navbar-collapse justify-content-md-center" id="navbarsExample08">
   <ul class="navbar-nav">
     <li class="nav-item">
```

```html
    <a class="nav-link text-light fs-4 fw-light mx-4" href="Main.html">Home</a>
  </li>
  <li class="nav-item dropdown">
    <a class="nav-link  text-light fs-4 fw-light mx-4" href="" data-bs-toggle="dropdown"
    aria-expanded="false">Stargaze</a>
    <ul class="dropdown-menu">
      <li><a class="dropdown-item " href="stargazing.html" >Where to gaze?</a></li>
      <li><a class="dropdown-item " href="stargazing.html#exp">When to stargaze?</a></li>

      <li><a class="dropdown-item " href="stargazing.html#expe">what can expect in stargaze?</a></li>

      <hr class="dropdown-divider">
      <li><a class="dropdown-item" href="stargazing.html#con">Constellations</a></li>
    </ul>
  <li class="nav-item dropdown">
    <a class="nav-link  text-light fs-4 fw-light mx-4" href="planets.html" data-bs-toggle="dropdown"
    aria-expanded="false">Planets</a>
    <ul class="dropdown-menu">
      <li><a class="dropdown-item " href="planets.html#mercury">Mercury</a></li>
      <li><a class="dropdown-item " href="planets.html#venus" >Venus</a></li>
      <li><a class="dropdown-item " href="planets.html#earth">Earth</a></li>
      <li><a class="dropdown-item " href="planets.html#mars">Mars</a></li>
      <li><a class="dropdown-item " href="planets.html#jupiter">Jupiter</a></li>
      <li><a class="dropdown-item " href="planets.html#saturn">Saturn</a></li>
      <li><a class="dropdown-item " href="planets.html#uranus">Uranus</a></li>
      <li><a class="dropdown-item " href="planets.html#neptune">Neptune</a></li>
      <li><a class="dropdown-item " href="planets.html#pluto">Pluto</a></li>
      <hr class="dropdown-divider">
      <li><a class="dropdown-item" href="planets.html#news">News</a></li>
    </ul>
    <li class="nav-item">
      <a class="nav-link text-light fs-3 fw-bold mx-4" href="#" >Sky <span class="text-danger fs-3"> <img src="Title
icon.png" alt="" height="45px"> </span></a>
    </li>
  <li class="nav-item">
    <a class="nav-link text-info fs-4 fw-light mx-4" href="Aboutus.html">About us</a>
  </li>


  <li class="nav-item dropdown">
    <a class="nav-link text-light fs-4 fw-light " href="#" data-bs-toggle="dropdown" aria-expanded="false">Solar
    System</a>
    <ul class="dropdown-menu">
      <li><a class="dropdown-item" href="Solarsystem.html#solarsystem">Solar System</a></li>
      <li><a class="dropdown-item" href="Solarsystem.html#solareclipse">Solar Eclipse</a></li>
      <li><a class="dropdown-item" href="Solarsystem.html#bbb">Big bang theory</a></li>
      <li><a class="dropdown-item" href="Solarsystem.html#eoe">Evolution of Earth</a></li>
      <hr class="dropdown-divider">
```

```html
        <li><a class="dropdown-item" href="Solarsystem.html#obs">Observatories</a></li>


      </ul>
    </li>
    <li class="nav-item">
      <a class="nav-link text-light fs-4 fw-light mx-4 " href="Contact.html">Contact </a>
    </li>
   </ul>
  </div>
 </div>
</nav>   <!-- Navbar End here -->

<div class="container-fluid  py-5" style="background-color: #40bbf0;">
 <p class="text-center fw-semibold " style="font-size: 4em;">
   The Sky <span class="text-danger">X</span>  story
 </p>
</div>
<div class="container">
 <img src="./About us page images/Aboutus.jpg" alt="" class="container">
</div>
       <br>
 <div class="container " style="text-align: justify;">


   <a href="" id="" class="text-light  text-decoration-none fw-semibold fs-1">About <span class="text-
danger">Us</span></a>
 <p class="fs-4 fw-light text-light">
  Sky X is formed of a close-knit group of astronomers, all of whom are keen to encourage public interest in astronomy to as
wide an audience as possible.
  <br> <br> Our team has a diverse range of skills and experience, including professional and amateur astronomers, science
communicators, instrument scientists, award-winning astrophotographers, professors and dark sky consultants.

We have a wealth of experience running public outreach events.  <br><br> We are keen to offer advice on issues of light
pollution and dark sky conservation. We can also assist businesses and organisations develop and grow their Astro-tourism
potential.
</p>  </div>
<hr class="hr hr-horizontal text-info " size="4"> <div class="container " style="text-align: justify;">
<a href="" id="" class="text-light  text-decoration-none fw-semibold fs-1">Our <span class="text-danger">Aim</span></a>
  <p class="fs-4 fw-light text-light">
    Our aim is to enthuse public interest in astronomy by helping people find amazing stargazing locations and attend
awesome stargazing events! <br><br>

We are enthusiastic in our support of the wider astronomical community and are happy to promote the activities of
societies, clubs, observatories, and independent astronomers to all of our audiences.
   </p>
 </div> <br><br><br><br><br><br><br><br><br><br>


 <!-- Footer -->
 <footer class=" text-center text-light fluid"> <br>
```

```html
<div class=" p-4">



  <section class="">
   <form action="">

     <div class="row d-flex justify-content-center">

      <div class="col-auto">
       <p class="pt-2">
        <strong>Sign up for our newsletter</strong>
       </p>
      </div>



      <div class="col-md-5 col-12">

       <div class="form-outline mb-4">
        <input type="email" id="form5Example2" class="form-control" />
        <label class="form-label" for="form5Example2">Email address</label>
       </div>
      </div>

      <div class="col-auto">


       <button type="submit" class="btn btn-primary mb-4">
        Subscribe
       </button>
      </div>

     </div>

   </form>
  </section>
     </div>
 <section class="mb-4">
   <div id="current_date"></p>
    <script>
    document.getElementById("current_date").innerHTML = Date();
    </script>
  </section><br>
 </div>
</footer>
<!-- Footer End here -->
```

```
   <br>
   <marquee class="navbar fixed-bottom navbar-light  text-light" style="background-color: #0e192c"><b>***Thank you for
visting***</b></marquee>
</body>
</html>
```

Source code for Solar System pages:

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Sky X</title>
  <link rel="stylesheet" href="./Bootstrap files/bootstrap.min.css">
  <link href="./Bootstrap files/animate.css" type="text/css" rel="stylesheet" />
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css"
rel="stylesheet"
    integrity="sha384-+0n0xVW2eSR5OomGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOOl7+AMvyTG2x"
crossorigin="anonymous">
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.carousel.min.css
"
    integrity="sha512-
tS3S5qG0BlhnQROyJXvNjeEM4UpMXHrQfTGmbQ1gKmelCxlSEBUaxhRBj/EFTzpbP4RVSrpEikbmdJobCvhE3g=="
    crossorigin="anonymous" />
  <link rel="stylesheet"
    href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.theme.defaul
t.min.css"
    integrity="sha512-
sMXtMNL1zRzolHYKEujM2AqCLUR9F2C4/05cdbxjjLSRvMQIciEPCQZo++nk7go3BtSuK9kfa/s+a4f4i5pLkw=="
    crossorigin="anonymous" />
    <link rel="icon" href="Title icon.png">
</head>
<script src="./Bootstrap files/wow.min.js"></script>

<script src="./Bootstrap files/bootstrap.min.js"></script>
<script src="./Bootstrap files/bootstrap.bundle.min.js">

</script>
<style>
  .fluid{
    background-color: #0e192c;
  }
      body {
```

```
background-color: #00001a;
}
.dropdown:hover .dropdown-menu {
    display: block;
  }

</style>
<body>
  <nav class="navbar navbar-expand-lg sticky-top  " aria-label="Tenth navbar example"
  style="background-color:transparent">
  <div class="container-fluid">
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarsExample08"
      aria-controls="navbarsExample08" aria-expanded="false" aria-label="Toggle
navigation">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse justify-content-md-center" id="navbarsExample08">
      <ul class="navbar-nav">
        <li class="nav-item">
          <a class="nav-link text-light fs-4 fw-light mx-4" href="Main.html">Home</a>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link  text-light fs-4 fw-light mx-4" href="" data-bs-
toggle="dropdown"
            aria-expanded="false">Stargaze</a>
          <ul class="dropdown-menu">
            <li><a class="dropdown-item " href="stargazing.html" >Where to gaze?</a></li>
            <li><a class="dropdown-item " href="stargazing.html#exp">When to
stargaze?</a></li>

            <li><a class="dropdown-item " href="stargazing.html#expe">what can expect in
stargaze?</a></li>

            <hr class="dropdown-divider">
            <li><a class="dropdown-item" href="stargazing.html#con">Constellations</a></li>
          </ul>
        <li class="nav-item dropdown">
          <a class="nav-link  text-light fs-4 fw-light mx-4" href="planets.html" data-bs-
toggle="dropdown"
            aria-expanded="false">Planets</a>
          <ul class="dropdown-menu">
            <li><a class="dropdown-item " href="planets.html#mercury">Mercury</a></li>
            <li><a class="dropdown-item " href="planets.html#venus" >Venus</a></li>
            <li><a class="dropdown-item " href="planets.html#earth">Earth</a></li>
            <li><a class="dropdown-item " href="planets.html#mars">Mars</a></li>
            <li><a class="dropdown-item " href="planets.html#jupiter">Jupiter</a></li>
```

```html
                    <li><a class="dropdown-item " href="planets.html#saturn">Saturn</a></li>
                    <li><a class="dropdown-item " href="planets.html#uranus">Uranus</a></li>
                    <li><a class="dropdown-item " href="planets.html#neptune">Neptune</a></li>
                    <li><a class="dropdown-item " href="planets.html#pluto">Pluto</a></li>
                    <hr class="dropdown-divider">
                    <li><a class="dropdown-item" href="planets.html#news">News</a></li>
                </ul>
                <li class="nav-item">
                    <a class="nav-link text-light fs-3 fw-bold mx-4" href="#" >Sky <span
class="text-danger fs-3"> <img src="Title icon.png" alt="" height="45px"> </span></a>
                </li>
            <li class="nav-item">
                <a class="nav-link text-light fs-4 fw-light mx-4" href="Aboutus.html">About
us</a>
            </li>


            <li class="nav-item dropdown">
                <a class="nav-link text-info fs-4 fw-light " href="#" data-bs-toggle="dropdown"
aria-expanded="false">Solar
                System</a>
                <ul class="dropdown-menu">
                    <li><a class="dropdown-item" href="Solarsystem.html#solarsystem">Solar
System</a></li>
                    <li><a class="dropdown-item" href="Solarsystem.html#solareclipse">Solar
Eclipse</a></li>
                    <li><a class="dropdown-item" href="Solarsystem.html#bbb">Big bang
theory</a></li>
                    <li><a class="dropdown-item" href="Solarsystem.html#eoe">Evolution of
Earth</a></li>
                    <hr class="dropdown-divider">
                    <li><a class="dropdown-item" href="Solarsystem.html#obs">Observatories</a></li>

                </ul>
            </li>
            <li class="nav-item">
                <a class="nav-link text-light fs-4 fw-light mx-4 " href="Contact.html">Contact
</a>
            </li>
        </ul>
    </div>
  </div>
</nav>
        <br> <br><br><br><br>
        <div class="container" style="text-align: justify;">
            <a href="#solarsystem" id="solarsystem" class="text-decoration-none fs-1 text-
danger">Solar <span class="text-light">System</span> </a>
            <p class="text-light fw-light fs-5 ">
```

The Solar System is the gravitationally bound system of the Sun and the objects that orbit it. It formed 4.6 billion years ago from the gravitational collapse of a giant interstellar molecular cloud. The vast majority (99.86%) of the system's mass is in the Sun, with most of the remaining mass contained in the planet Jupiter. The four inner system planets—Mercury, Venus, Earth and Mars—are terrestrial planets, being composed primarily of rock and metal.

 The four giant planets of the outer system are substantially larger and more massive than the terrestrials. The two largest, Jupiter and Saturn, are gas giants, being composed mainly of hydrogen and helium; the next two, Uranus and Neptune, are ice giants, being composed mostly of volatile substances with relatively high melting points compared with hydrogen and helium, such as water, ammonia, and methane. All eight planets have nearly circular orbits that lie near the plane of Earth's orbit, called the ecliptic.
        </p>
        <img src="./Solarsytem page images/ss.png" alt="" class="" height="900" width="1200">
        <p class="text-center fw-bold display-1 fs-2 text-light text-decoration-none">
Explore more about
            Planets <a href="planets.html"
            class="btn btn-danger bg-gradient">Click here</p>

    </div>
  <hr class="hr hr-horizontal text-info" size="4">
    <div class="container" style="text-align: justify;">
        <a href="#solareclipse" id="solareclipse" class="text-decoration-none fs-1 text-
danger">Solar Eclipse
        <p class="text-light fw-light fs-5 ">A solar eclipse occurs when the Moon passes
between Earth and the Sun, thereby obscuring Earth's view of the Sun, totally or partially.
Such an alignment coincides with a new moon, indicating the Moon is closest to the plane of
the Earth's orbit. In a total eclipse, the disk of the Sun is fully obscured by the Moon.
In partial and annular eclipses, only part of the Sun is obscured.

 If the Moon were in a perfectly circular orbit and in the same orbital
plane as Earth, there would be total solar eclipses every new moon. Instead, because the
Moon's orbit is tilted at about 5 degrees to Earth's orbit, its shadow usually misses
Earth. Solar (and lunar) eclipses therefore happen only during eclipse seasons, resulting
in at least two, and up to five, solar eclipses each year, no more than two of which can be
total. Total eclipses are more rare because they require a more precise alignment between
the centers of the Sun and Moon, and because the Moon's apparent size in the sky is
sometimes too small to fully cover the Sun. Total solar eclipses occur rarely at a given
place on Earth, on average about every 360 to 410 years.

 An eclipse is a natural phenomenon. In some ancient and modern
cultures, solar eclipses were attributed to supernatural causes or regarded as bad omens.
Astronomers' predictions of eclipses began in China as early as the 4th century BC;
eclipses hundreds of years into the future may now be predicted with high accuracy.

        Looking directly at the Sun can lead to permanent eye damage, so special eye
protection or indirect viewing techniques are used when viewing a solar eclipse. Only the

```html
total phase of a total solar eclipse is safe to view without protection. Enthusiasts known
as eclipse chasers or umbraphiles travel to remote locations to see solar eclipses.</p>
<br>

        <img src="./Solarsytem page images/sec.jpg" alt="" height="500 " class="container">
      </div> <br>  <hr class="hr hr-horizontal text-info" size="4"> <br>
      <div class="container" style="text-align: justify;">
        <a href="#bbb" id="bbb" class="text-decoration-none fs-1 text-light">Big <span
class="text-danger">Bang</span> Theory </a>
        <p class="text-light fw-light fs-5 ">
            The Big Bang event is a physical theory that describes how the universe
expanded from an initial state of high density and temperature. Various cosmological models
of the Big Bang explain the evolution of the observable universe from the earliest known
periods through its subsequent large-scale form. These models offer a comprehensive
explanation for a broad range of observed phenomena, including the abundance of light
elements, the cosmic microwave background (CMB) radiation, and large-scale structure. The
overall uniformity of the Universe, known as the flatness problem, is explained through
cosmic inflation: a sudden and very rapid expansion of space during the earliest moments.
However, physics currently lacks a widely accepted theory of quantum gravity that can
successfully model the earliest conditions of the Big Bang.
        <br> <br>
            Crucially, these models are compatible with the Hubble–Lemaître law—the observation
that the farther away a galaxy is, the faster it is moving away from Earth. Extrapolating
this cosmic expansion backwards in time using the known laws of physics, the models
describe an increasingly concentrated cosmos preceded by a singularity in which space and
time lose meaning (typically named "the Big Bang singularity").[5] In 1964 the CMB was
discovered, which convinced many cosmologists that the competing steady-state model of
cosmic evolution was falsified,[6] since the Big Bang models predict a uniform background
radiation caused by high temperatures and densities in the distant past. A wide range of
empirical evidence strongly favors the Big Bang event, which is now essentially universally
accepted. Detailed measurements of the expansion rate of the universe place the Big Bang
singularity at an estimated 13.787±0.020 billion years ago, which is considered the age of
the universe
        </p>
        <img src="./Solarsytem page images/CMB_Timeline300_no_WMAP.jpg" alt=""
class="container" >
      </div>
      <br>  <hr class="hr hr-horizontal text-info" size="4"> <br>
      <div class="container" style="text-align: justify;">
        <a href="#eoe" id="eoe" class="text-decoration-none fs-1 text-light">Evolution of
<span class="text-danger">Earth</span> </a>
        <p class="text-light fw-light fs-5 ">
            The history of Earth concerns the development of planet Earth from its
formation to the present day. Nearly all branches of natural science have contributed to
understanding of the main events of Earth's past, characterized by constant geological
change and biological evolution. <br> <br>
            The geological time scale (GTS), as defined by international convention,[3]
depicts the large spans of time from the beginning of the Earth to the present, and its
```

```
divisions chronicle some definitive events of Earth history. (In the graphic, Ma means
"million years ago".) Earth formed around 4.54 billion years ago, approximately one-third
the age of the universe, by accretion from the solar nebula. Volcanic outgassing probably
created the primordial atmosphere and then the ocean, but the early atmosphere contained
almost no oxygen. Much of the Earth was molten because of frequent collisions with other
bodies which led to extreme volcanism. While the Earth was in its earliest stage (Early
Earth), a giant impact collision with a planet-sized body named Theia is thought to have
formed the Moon. Over time, the Earth cooled, causing the formation of a solid crust, and
allowing liquid water on the surface. <br> <br>

        </p>
        <img src="./Solarsytem page images/eoe.png" alt="" height="900" class="mx-5 px-5">
    </div>
    <hr class="hr hr-horizontal text-info" size="4"> <br>
    <div class="container">
        <a href="#obs" id="obs" class="text-decoration-none fs-1 text-danger">Observatories
</a>
        <p class="fs-2 text-light">
            Royal Observatory, Greenwich <br>

        </p>
        <p class="text-light fw-light fs-5 " style="text-align: justify;">

                The Royal Observatory, Greenwich (ROG; known as the Old Royal Observatory
from 1957 to 1998, when the working Royal Greenwich Observatory, RGO, temporarily moved
south from Greenwich to Herstmonceux) is an observatory situated on a hill in Greenwich
Park in south east London, overlooking the River Thames to the north. It played a major
role in the history of astronomy and navigation, and because the Prime Meridian passes
through it, it gave its name to Greenwich Mean Time, the precursor to today's Coordinated
Universal Time (UTC). The ROG has the IAU observatory code of 000, the first in the list.
ROG, the National Maritime Museum, the Queen's House and the clipper ship Cutty Sark are
collectively designated Royal Museums Greenwich.

        </p>
        <img src="./Solarsytem page images/r.jpg" alt="" class=" container" height="700">
<br> <br>
        <p class="text-light fs-2 ">Royal Observatory location</p>
        <div class="container ">
            <iframe
src="https://www.google.com/maps/embed?pb=!1m14!1m8!1m3!1d9939.926191406643!2d-
0.0005002!3d51.476853!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x0%3A0x31abb25f451c8402!2sRoyal%20
Observatory%20Greenwich!5e0!3m2!1sen!2s!4v1670092963282!5m2!1sen!2s" width="550"
height="350" style="border:0;" allowfullscreen="" loading="lazy" referrerpolicy="no-
referrer-when-downgrade"></iframe>

        </div>
        <hr class="hr hr-horizontal text-info" size="4"> <br>
        <p class="fs-2 text-light">
```

```html
            Paris Observatory <br>

        </p>

        <p class="text-light fw-light fs-5 " style="text-align: justify;">The Paris
Observatory (French: Observatoire de Paris French pronunciation:), a research institution
of the Paris Sciences et Lettres University, is the foremost astronomical observatory of
France, and one of the largest astronomical centers in the world. Its historic building is
on the Left Bank of the Seine in central Paris, but most of the staff work on a satellite
campus in Meudon, a suburb southwest of Paris.

        The Paris Observatory was founded in 1667.[1] Construction was completed by the
early 1670s and coincided with a major push for increased science, and the founding of the
Royal Academy of Sciences.[self-published source?] King Louis XIV's minister of finance
organized a "scientific powerhouse" to increase understanding of astronomy, maritime
navigation, and science in general.</p>

            <img src="./Solarsytem page images/re.jpeg" alt="" class=" container"
height="700"> <br> <br>
            <p class="fs-2 text-light">
                Paris Observatory location <br>

            </p>

            <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d2626.170181913702!2d2.3343236158
94897!3d48.835892479285235!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x47e671c74563
2b37%3A0xc977e0321d94fd92!2sParis%20Observatory!5e0!3m2!1sen!2s!4v1670093660474!5m2!1sen!2s
" width="600" height="450" style="border:0;" allowfullscreen="" loading="lazy"
referrerpolicy="no-referrer-when-downgrade"></iframe>

    </div>
    <hr class="hr hr-horizontal text-info" size="4"> <br>

    <br><br><br><br><br>
    <!-- Footer -->
<footer class=" text-center text-light fluid"> <br>
```

```html
    <div class="p-4">



      <section class="">
        <form action="">

          <div class="row d-flex justify-content-center">

            <div class="col-auto">
              <p class="pt-2">
                <strong>Sign up for our newsletter</strong>
              </p>
            </div>



            <div class="col-md-5 col-12">

              <div class="form-outline mb-4">
                <input type="email" id="form5Example2" class="form-control" />
                <label class="form-label" for="form5Example2">Email address</label>
              </div>
            </div>

            <div class="col-auto">


              <button type="submit" class="btn btn-primary mb-4">
                Subscribe
              </button>
            </div>

          </div>

        </form>
      </section>
        </div>
  <section class="mb-4">
      <div id="current_date"></p>
        <script>
        document.getElementById("current_date").innerHTML = Date();
        </script>
    </section><br>
  </div>
</footer>
<!-- Footer End here --> <br>
```

```
    <marquee class="navbar fixed-bottom navbar-light  text-light" style="background-color:
#0e192c"><b>***Thank you for visting***</b></marquee>
</body>
</html>
```

Source Code for Contact page:

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Sky X</title>
  <link rel="stylesheet" href="./Bootstrap files/bootstrap.min.css">

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css"
rel="stylesheet"
    integrity="sha384-+0n0xVW2eSR5OomGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOOl7+AMvyTG2x"
crossorigin="anonymous">
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.carousel.min.css
"
    integrity="sha512-
tS3S5qG0BlhnQROyJXvNjeEM4UpMXHrQfTGmbQ1gKmelCxlSEBUaxhRBj/EFTzpbP4RVSrpEikbmdJobCvhE3g=="
    crossorigin="anonymous" />
    <link rel="icon" href="Title icon.png">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.2/css/all.min.css"/>
</head>
<script src="./Bootstrap files/wow.min.js"></script>

<script src="./Bootstrap files/bootstrap.min.js"></script>
<script src="./Bootstrap files/bootstrap.bundle.min.js">

</script>
<style>

.dropdown:hover .dropdown-menu {
    display: block;
  }
  /* Google Font CDN Link */

*{
  margin: 0;
  padding: 0;
```

```css
    box-sizing: border-box;

}

body{
  min-height: 100vh;
  width: 100%;
  background: #00001a;
  align-items: center;
  justify-content: center;
}
.fluid{
    background-color: #0e192c;
  }
.container{
  width: 85%;
  background: rgb(206, 206, 235) ;
  border-radius: 6px;
  padding: 20px 60px 30px 40px;
  box-shadow: 0 5px 10px rgba(0, 0, 0, 0.2);
}
.container .content{
  display: flex;
  align-items: center;
  justify-content: space-between;
}
.container .content .left-side{
  width: 25%;
  height: 100%;
  display: flex;
  flex-direction: column;
  align-items: center;
  justify-content: center;
  margin-top: 15px;
  position: relative;
}
.content .left-side::before{
  content: '';
  position: absolute;
  height: 70%;
  width: 2px;
  right: -15px;
  top: 50%;
  transform: translateY(-50%);
  background: #afafb6;
}
.content .left-side .details{
  margin: 14px;
```

```css
  text-align: center;
}
.content .left-side .details i{
  font-size: 30px;
  color: #3e2093;
  margin-bottom: 10px;
}
.content .left-side .details .topic{
  font-size: 18px;
  font-weight: 500;
}
.content .left-side .details .text-one,
.content .left-side .details .text-two{
  font-size: 14px;
  color: #afafb6;
}
.container .content .right-side{
  width: 75%;
  margin-left: 75px;
}
.content .right-side .topic-text{
  font-size: 23px;
  font-weight: 600;
  color: #3e2093;
}
.right-side .input-box{
  height: 50px;
  width: 100%;
  margin: 12px 0;
}
.right-side .input-box input,
.right-side .input-box textarea{
  height: 100%;
  width: 100%;
  border: none;
  outline: none;
  font-size: 16px;
  background: #F0F1F8;
  border-radius: 6px;
  padding: 0 15px;
  resize: none;
}
.right-side .message-box{
  min-height: 110px;
}
.right-side .input-box textarea{
  padding-top: 6px;
}
```

```css
.right-side .button{
  display: inline-block;
  margin-top: 12px;
}
.right-side .button input[type="button"]{
  color: #fff;
  font-size: 18px;
  outline: none;
  border: none;
  padding: 8px 16px;
  border-radius: 6px;
  background: #3e2093;
  cursor: pointer;
  transition: all 0.3s ease;
}
.button input[type="button"]:hover{
  background: #5029bc;
}

@media (max-width: 950px) {
  .container{
    width: 90%;
    padding: 30px 40px 40px 35px ;
  }
  .container .content .right-side{
   width: 75%;
   margin-left: 55px;
}
}
@media (max-width: 820px) {
  .container{
    margin: 40px 0;
    height: 100%;
  }
  .container .content{
    flex-direction: column-reverse;
  }
 .container .content .left-side{
  width: 100%;
  flex-direction: row;
  margin-top: 40px;
  justify-content: center;
  flex-wrap: wrap;
}
 .container .content .left-side::before{
  display: none;
}
 .container .content .right-side{
```

```
      width: 100%;
      margin-left: 0;
   }
}



</style>
<body>
  <nav class="navbar navbar-expand-lg sticky-top  " aria-label="Tenth navbar example"
  style="background-color:transparent">
    <div class="container-fluid">
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarsExample08"
        aria-controls="navbarsExample08" aria-expanded="false" aria-label="Toggle
navigation">
        <span class="navbar-toggler-icon"></span>
      </button>

      <div class="collapse navbar-collapse justify-content-md-center" id="navbarsExample08">
        <ul class="navbar-nav">
          <li class="nav-item">
            <a class="nav-link text-light fs-4 fw-light mx-4" href="Main.html">Home</a>
          </li>
          <li class="nav-item dropdown">
            <a class="nav-link  text-light fs-4 fw-light mx-4" href="" data-bs-
toggle="dropdown"
              aria-expanded="false">Stargaze</a>
            <ul class="dropdown-menu">
              <li><a class="dropdown-item " href="stargazing.html" >Where to gaze?</a></li>
              <li><a class="dropdown-item " href="stargazing.html#exp">When to
stargaze?</a></li>

              <li><a class="dropdown-item " href="stargazing.html#expe">what can expect in
stargaze?</a></li>

              <hr class="dropdown-divider">
              <li><a class="dropdown-item" href="stargazing.html#con">Constellations</a></li>
            </ul>
          <li class="nav-item dropdown">
            <a class="nav-link  text-light fs-4 fw-light mx-4" href="planets.html" data-bs-
toggle="dropdown"
              aria-expanded="false">Planets</a>
            <ul class="dropdown-menu">
              <li><a class="dropdown-item " href="planets.html#mercury">Mercury</a></li>
              <li><a class="dropdown-item " href="planets.html#venus" >Venus</a></li>
              <li><a class="dropdown-item " href="planets.html#earth">Earth</a></li>
              <li><a class="dropdown-item " href="planets.html#mars">Mars</a></li>
              <li><a class="dropdown-item " href="planets.html#jupiter">Jupiter</a></li>
              <li><a class="dropdown-item " href="planets.html#saturn">Saturn</a></li>
```

```html
            <li><a class="dropdown-item " href="planets.html#uranus">Uranus</a></li>
            <li><a class="dropdown-item " href="planets.html#neptune">Neptune</a></li>
            <li><a class="dropdown-item " href="planets.html#pluto">Pluto</a></li>
            <hr class="dropdown-divider">
            <li><a class="dropdown-item" href="planets.html#news">News</a></li>
          </ul>
          <li class="nav-item">
            <a class="nav-link text-light fs-3 fw-bold mx-4" href="#" >Sky <span
class="text-danger fs-3"> <img src="Title icon.png" alt="" height="45px"> </span></a>
          </li>
        <li class="nav-item">
          <a class="nav-link text-light fs-4 fw-light mx-4" href="Aboutus.html">About
us</a>
        </li>


        <li class="nav-item dropdown">
          <a class="nav-link text-light fs-4 fw-light " href="#" data-bs-toggle="dropdown"
aria-expanded="false">Solar
            System</a>
          <ul class="dropdown-menu">
            <li><a class="dropdown-item" href="Solarsystem.html#solarsystem">Solar
System</a></li>
            <li><a class="dropdown-item" href="Solarsystem.html#solareclipse">Solar
Eclipse</a></li>
            <li><a class="dropdown-item" href="Solarsystem.html#bbb">Big bang
theory</a></li>
            <li><a class="dropdown-item" href="Solarsystem.html#eoe">Evolution of
Earth</a></li>
            <hr class="dropdown-divider">
            <li><a class="dropdown-item" href="Solarsystem.html#obs">Observatories</a></li>

          </ul>
        </li>
        <li class="nav-item">
          <a class="nav-link text-info fs-4 fw-light mx-4 " href="Contact.html">Contact
</a>
        </li>
      </ul>
    </div>
  </div>
</nav> <br><br>

  <img src="./Contact page images/Contact img.png" alt="" style="margin: 0 0 20px 400px ;"
width="800" height="300">

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

```html
        <div class="left-side">
          <div class="address details">
            <i class="fas fa-map-marker-alt"></i>
            <div class="topic text-dark fw-bold">Address</div>
            <div class="text-one text-dark">North Karachi</div>
            <div class="text-two text-dark">Aptech</div>
          </div>
          <div class="phone details">
            <i class="fas fa-phone-alt"></i>
            <div class="topic text-dark fw-bold">Phone</div>
            <div class="text-one text-dark">+923009271554</div>
            <div class="text-two text-dark">+923473116493</div>
          </div>
          <div class="email details">
            <i class="fas fa-envelope"></i>
            <div class="topic text-dark fw-bold">Email</div>
            <div class="text-one text-dark">huzaifaarain424@gmail.com</div>
            <div class="text-two text-dark" >khizer.ali404@gmail.com</div>
          </div>
        </div>
        <div class="right-side">
          <div class="topic-text text-dark">Send us a message</div>
          <p>If you have any work from me or any types of quries related to my tutorial,
you can send me message from here. It's my pleasure to help you.</p>
          <form action="#">
            <div class="input-box">
              <input type="text" placeholder="Enter your name">
            </div>
            <div class="input-box">
              <input type="text" placeholder="Enter your email">

            </div>
            <div class="input-box message-box">
              <textarea name="comment-box" id="" cols="30" rows="10" placeholder="Enter your
comments"  ></textarea>
            </div>
            <div class="button">
              <input type="button" value="Send Now" >
            </div>
          </form>
      </div>
      </div>
    </div>
  </body>
  </html>



  <br><br><br> <br><br><br><br><br>
```

```html
<!-- Footer -->
<footer class=" text-center text-light fluid"> <br>



  <div class=" p-4">



    <section class="">
      <form action="">

        <div class="row d-flex justify-content-center">

          <div class="col-auto">
            <p class="pt-2">
              <strong>Sign up for our newsletter</strong>
            </p>
          </div>



          <div class="col-md-5 col-12">

            <div class="form-outline mb-4">
              <input type="email" id="form5Example2" class="form-control" />
              <label class="form-label" for="form5Example2">Email address</label>
            </div>
          </div>

          <div class="col-auto">



            <button type="submit" class="btn btn-primary mb-4">
              Subscribe
            </button>
          </div>

        </div>

      </form>
    </section>
        </div>
  <section class="mb-4">
      <div id="current_date"></p>
        <script>
        document.getElementById("current_date").innerHTML = Date();
        </script>
    </section><br>
```

```html
    </div>
</footer>
<!-- Footer End here --><br>
    <marquee class="navbar fixed-bottom navbar-light  text-light" style="background-color:
#0e192c"><b>***Thank you for visting***</b></marquee>
</body>
</html>
```