LOVELY PROFESSIONAL UNIVERSITY

Transforming Education Transforming India

Name	:	Ashish Chauhan, Shlok Nanhoriya , Harshit Pandiyar
Department	:	CSE
Section	:	K23EU
Roll no.	:	38,40,39
Subject	:	Environmental Studies
Sub. Code	:	CHE110
Topic	:	National park and Wildlife Sanctuaries in forest conservation
Submitted to	:	Dr.Shikha

STUDENT DECLARATION

We hereby declare that the web project file titled National park and Wildlife Sanctuaries in forest conservation website is our original work and has been prepared in accordance with the guidelines set forth by the Dr.Shika ma'am. We have not copied any part of this project from any other source, and all sources used in the development of this project have been properly cited.

Name of Student 1: Shlok Nanhoriya

Registration Number: 12304484

Roll Number: - 40

Name of Student 2: Ashish Chauhan

Registration Number: 12307781

Roll Number :- 38

Name of Student3: Harshit Pandiyar

Registration Number:12310755

Roll Number :- 39

Date: 24/04/2024

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INTRODUCTION

 Forest conservation stands as a critical global concern, especially in the face of escalating environmental degradation and biodiversity loss. National Parks and Wildlife Sanctuaries play a pivotal role in preserving natural ecosystems, fostering biodiversity, and mitigating the adverse effects of human activities on forests. As Computer Science and Engineering (CSE) students, our understanding and contribution to forest conservation extend beyond traditional conservation approaches, integrating technological advancements to enhance monitoring, management, and awareness efforts.

1. **Preservation of Biodiversity**: National Parks and Wildlife Sanctuaries serve as protected areas where diverse flora and fauna can thrive undisturbed. As CSE students, we recognize the significance of biodiversity in sustaining ecosystems and acknowledge our role in developing technologies for species monitoring, habitat mapping, and conservation genetics to safeguard endangered species within these protected areas.
2. **Ecosystem Services**: Forests within National Parks and Wildlife Sanctuaries provide essential ecosystem services such as carbon sequestration, water regulation, and soil stabilization. Through remote sensing, Geographic Information Systems (GIS), and data analytics, CSE professionals contribute to assessing ecosystem health, identifying areas vulnerable to deforestation, and optimizing land-use planning strategies to sustain ecosystem services.
3. **Community Engagement and Sustainable Development**: Effective forest conservation requires collaboration with local communities for sustainable resource management. CSE students leverage their expertise in community-driven technologies, such as mobile applications for citizen science, participatory mapping tools, and online platforms for eco-tourism promotion, to foster community engagement, raise environmental awareness, and promote sustainable livelihoods around protected areas.
4. **Data-Driven Conservation Strategies**: The proliferation of sensor networks, satellite imagery, and big data analytics offers unprecedented opportunities for evidence-based conservation decision-making. CSE students contribute to developing algorithms for species distribution modeling, predictive analytics for habitat suitability assessment, and real-time monitoring systems to detect and respond to threats like illegal logging, poaching, and habitat encroachment.
5. **Education and Outreach**: Education plays a crucial role in fostering a culture of conservation and environmental stewardship. As CSE students, we utilize multimedia technologies, virtual reality experiences, and gamification approaches to deliver immersive educational content, interpretive guides, and interactive learning platforms to engage diverse audiences and inspire action towards forest conservation.

In conclusion, National Parks and Wildlife Sanctuaries stand as bastions of biodiversity and ecological integrity, and as CSE students, we recognize our responsibility in harnessing technology to support forest conservation efforts. By leveraging our interdisciplinary skills in data science, software engineering, and human-computer interaction, we can contribute meaningfully to the protection and sustainable management of our natural heritage for generations to come.

Technologies used:

HTML5: HTML5 forms the foundation of any web page, providing the structure and content elements. It's responsible for defining headings, paragraphs, images, links, and other essential elements that make up a webpage.

CSS3: CSS3 is the companion to HTML5, responsible for styling and presentation. It allows you to control the appearance of your web page elements,including colors, fonts, sizes, layouts, and responsiveness.

JavaScript: JavaScript is a scripting language that adds interactivity and dynamic behavior to web pages. It allows you to handle user interactions, manipulate the DOM (Document Object Model), and create animations or real-time updates.

Vs Code: Visual Studio Code is a free, open source, and cross-platform code editor that supports many languages and features. It offers IntelliSense, debugging, Git integration, extensions, and Azure deployment for web and cloud applications.

Software: Windows 10,11 , Mac macOS 11+

MODULE

Home Page:

Welcome to our National Parks and Wildlife Sanctuaries Conservation Hub! Here, users can explore and contribute to the preservation of natural ecosystems and biodiversity without interruptions. Dive into the world of conservation and discover the wonders of protected areas.

Key Features:

1. **Explore popular Sanctuaries:** Discover the most popular National Park and Wildlife Sanctaries.

2. **Follow Your Favorite Sanctuaries:** Stay updated on the latest conservation efforts and wildlife sightings in your favorite protected areas.

Additional Features:

1. **Education Resources:** Access a library of article, images, and conservation strategies and the importance of protected areas.

2. **Virtual Tours:** Immerse yourself in virtual tours of iconic National Park and Wildlife Sancturies.

Snapshot of Code

HTML


```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="https://unpkg.com/tailwindcss@^1.0/dist/tailwind.min.css">
    <title >National Parks & Wildlife Sanctuary in Forest Conservation</title>
</head>=
<body>

    <header class="text-white-600 body-font " id="top">
        <div  class="container mx-auto flex flex-wrap p-5 flex-col md:flex-row items-center background-ima toxe"  >
            <a  class="flex title-font font-medium items-center text-white-900 mb-4 md:mb-0">

                <span class="ml-3 text-xl">National Parks & Wildlife Sanctuary in Forest Conservation</span>
            </a>

            <nav class="md:mr-auto md:ml-4 md:py-1 md:pl-4 md:border-1 md:border-white-400  flex flex-wrap items-center text-base justify-cen
                <a href="#home" class="mr-5 hover:text-white-900">HOME</a>
                <a href="quizz.html" class="mr-5 hover:text-white-900" target="_blank">TASKS</a>
                <a href="animal_info.html" target="_blank" class="mr-5 hover:text-white-900">ANIMAL INFO</a>
                <a href="contact.html" target="_blank" class="mr-5 hover:text-white-900">CONTACT US</a>
                <a href="feedbackk.html" target="_blank" class="mr-5 hover:text-white-900">FEEDBACK</a>
            </nav>
        </div>
    </header>
<hr>
<div class="background-imag" style="  padding: 60px;margin: 60px; text-align: center;" id="home">
    <!-- <div class="background-image" style="  padding: 60px;margin: 60px; text-align: center;" id="home">  -->
    <body>
```

```html
<html lang="en">
<body>
<div class="background-imag" style="  padding: 60px;margin: 60px; text-align: center;" id="home">
    <h1 style="text-align: center; padding: 40px;font-size: 250% ;"><b>Conservation of National Parks and Wildlife Sanc
    <h2><b>INTRODUCTION</b></h2>
    <p>National Parks and Wildlife-Sanctuaries Play a Crucial Efforts Worldwide. These Protected Areas serve as havens
    <h2><b> </b></h2>
    <p>  </p>
</div>
<hr>
<hr>
<section class="text-black-600 body-font">
    <div  class="container mx-auto flex px-5 py-24 md:flex-row flex-col items-center" >
        <div class="lg:max-w-lg lg:w-full md:w-1/2 w-5/6 mb-10 md:mb-0">
            <img class="object-cover object-center rounded" alt="hero" src="https://www.girnationalpark.in/uploads/nation
        </div>



        <div class="lg:flex-grow md:w-1/2 lg:pl-24 md:pl-16 flex flex-col md:items-start md:text-left items-center text
            <h1 class="title-font sm:text-4xl text-3xl mb-4 font-medium text-gray-900">What are National Parks?
            </h1>
            <p class="mb-8 leading-relaxed">A national park is a designated area of protected land set aside by a governm
            <div class="flex justify-center">
                <!--<button class="inline-flex text-white bg-indigo-500 border-0 py-2 px-6 focus:outline-none hover:bg-indi
                <a href="#nparks"><button class="ml-4 inline-flex text-gray-700 bg-gray-100 border-0 py-2 px-6 focus:outlin
            </div>
        </div>
    </div>
</section>
```

index.html ✕   quizz.html   animal_info.html   JS scriptINFO.js   # styleINFO.css   task.html   contact.html   ◇ feed ▷ ☐ ···

body ⟩ ⊘ section.text-gray-600.body-font ⟩ ⊘ div.container.px-5.py-24.mx-auto ⟩ ⊘ div.xl:w-1/2.lg:w-3/4.w-full.mx-auto.text-center ⟩ ⊘ svg.inline-block.w-8.h-8.text-gray-400.mb-8

```
  2    <html lang="en">
  9    <body>
396    <section class="text-gray-600 body-font">
397      <div class="container px-5 py-24 mx-auto">
398        <div class="xl:w-1/2 lg:w-3/4 w-full mx-auto text-center">
399          <h1 class="text-2xl font-medium title-font mb-4 text-gray-900">About Teacher</h1>
400          <svg xmlns="http://www.w3.org/2000/svg" fill="currentColor" class="inline-block w-8 h-8 text-gray-400 mb-8" viewBox="0 0 975.036 975.036">
401
402
403        |  </svg>
404          <p class="leading-relaxed text-lg"></p>
405
406    <style type="text/css">
407     .img_deg{
408       float:  left;
409       width: 40%;
410     }
411    </style>
412
413    <img alt="TEACHER"  class="img_deg" src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSL7rndG6Wppqmy9kbyYnIGj9dnFP30Fa26BwpV_Fl78A&s">
414
415    <p>She is a very enthusiastic teacher with lots of enthusiasm. she is very hard working and punctual. she is very dedicated towards her work.</p>
416
417          <h2 class="text-gray-900 font-medium title-font tracking-wider text-sm">DR.SHIKHA</h2>
418
419
420        </div>
421      </div>
422    </section>
423    <hr>
424    <footer class="text-gray-600 body-font">
425      <div class="container px-5 py-8 mx-auto flex items-center sm:flex-row flex-col">
426        <a class="flex title-font font-medium items-center md:justify-start justify-center text-gray-900">
427
428          <span class="ml-3 text-xl">SAVE ANIMALS</span>
429        </a>
430        <p class="text-sm text-gray-500 sm:ml-4 sm:pl-4 sm:border-l-2 sm:border-gray-200 sm:py-2 sm:mt-0 mt-4">© 2024 Team__ <b>N</b>ational <b>P</b>
431          <a href="#top" class="text-gray-600 ml-1" rel="noopener noreferrer">Move to The Top</a>
```

CSS

💡 Click here to ask Blackbox to help you code faster

```
 1   @import url("https://fonts.googleapis.com/css2?family=Lexend:wght@400;700&display=swap");
 2
 3   * {
 4     box-sizing: border-box;
 5     margin: 0;
 6     padding: 0;
 7   }
 8
 9   body {
10     font-family: "Lexend", sans-serif;
11     background-color: ☐#362a2b;
12     color: ☐#e5ebf3;
13   }
14
15   .slider {
16     position: relative;
17     width: 100vw;
18     height: 100vh;
19     overflow: hidden;
20   }
21
22   .slide {
23     position: absolute;
24     top: 0;
25     left: 0;
26     width: 100%;
27     height: 100%;
28     opacity: 0;
29     transition: opacity 0.4s ease-in-out;
```

C: > Users > karan > OneDrive > Desktop > NW=2 > # styleINFO.css > ...

```css
106    .buttons button#next {
107        position: absolute;
108        top: 50%;
109        right: 1rem;
110    }
111
112    .buttons button {
113        border: 2px solid #e5ebf3;
114        background-color: transparent;
115        color: #e5ebf3;
116        cursor: pointer;
117        padding: 13px 15px;
118        border-radius: 50%;
119        outline: none;
120    }
121
122    .buttons button:hover {
123        background-color: #e5ebf3;
124        color: #362a2b;
125    }
126
127    @media (min-width: 640px) and (min-height: 640px) {
128        .slide .content {
129            bottom: 70px;
130            left: -600px;
131            width: 600px;
132            padding: 2rem;
133            line-height: 1.6;
134        }
135
136        .slide .content h1 {
137            font-size: 2rem;
138        }
139
140        .slide.current .content {
141            transform: translateX(600px);
142        }
143    }
```

Share Code Link   Explain Code   Comment Code   Find Bugs   Code Chat   Ln 1, Col 1   Spaces: 2   UTF-8   CRLF   CSS   Go Live   Blackbox

JAVA SCRIPT

C: > Users > karan > OneDrive > Desktop > NW=2 > JS scriptINFO.js > [∅] prevSlide

💡 Click here to ask Blackbox to help you code faster

```javascript
1    const slides = document.querySelectorAll(".slide");
2    const nextButton = document.getElementById("next");
3    const prevButton = document.getElementById("prev");
4    const auto = true;
5    const intervalTime = 5000;
6    let slideInterval;
7
8    const nextSlide = () => {
9      const current = document.querySelector(".current");
10     current.classList.remove("current");
11     if (current.nextElementSibling) {
12       current.nextElementSibling.classList.add("current");
13     } else {
14       slides[0].classList.add("current");
15     }
16   };
17
18   const prevSlide = () => {
19     const current = document.querySelector(".current");
20     current.classList.remove("current");
21     if (current.previousElementSibling) {
22       current.previousElementSibling.classList.add("current");
23     } else {
24       slides[slides.length - 1].classList.add("current");
25     }
26   };
27
28   nextButton.addEventListener("click", () => {
29     nextSlide();
30     if (auto) {
31       clearInterval(slideInterval);
```

x   Share Code Link   Explain Code   Comment Code   Find Bugs   Code Chat   Ln 18, Col 26   Spaces: 2   UTF-8   CRLF   {} JavaScript   Go Live   Blackbox

ite snapshot

National Parks & Wildlife Sanctuary in Forest Conservation   HOME   TASKS   ANIMAL INFO   CONTACT US   FEEDBACK

Conservation of National Parks and Wildlife Sanctuaries

INTRODUCTION

National Parks and Wildlife-Sanctuaries Play a Crucial Efforts Worldwide. These Protected Areas serve as havens for Diverse Ecosystems, Preserving Biodiversity, and Safeguarding Endangered species. By Restricting Humans activities such as Logging , Poaching, and Habitat destruction, National Parks and Wildlife Sanctuaries provide essential Habitats for Flora and Fauna to thrive. The Introduction sets the stage for exploring the significance of these Protected areas in Forest Conservation and their Contibution to maintaing Ecological balance and Sustainable development.

What are National Parks?

A national park is a designated area of protected land set aside by a government to preserve and conserve natural, cultural, and scenic resources. These areas typically showcase unique ecosystems, wildlife, geological features, or historical sites. National parks serve multiple purposes, including environmental conservation, scientific research, education, and recreation. They offer opportunities for visitors to experience and appreciate the natural world through activities such as hiking, camping, wildlife viewing, and photography. National parks often have strict regulations in place to minimize human impact and ensure the preservation of their natural integrity for future generations to enjoy.

Know More

What is Wildlife sanctuary?

A wildlife sanctuary is a protected area established primarily for the conservation and protection of wild animals and their habitats. Unlike national parks, which may allow various forms of human recreation, wildlife sanctuaries focus solely on providing a safe haven for wildlife populations to thrive undisturbed. These areas may encompass diverse ecosystems, including forests, wetlands, grasslands, and marine environments. Wildlife sanctuaries often implement measures to minimize human interference, such as restricting human access and prohibiting activities like hunting and logging. They play a crucial role in biodiversity conservation by safeguarding endangered species, preserving

NATIONAL PARKS IN INDIA

Below are the various National Parks in India.
Click on the Learn More button to see further details of each National Park.
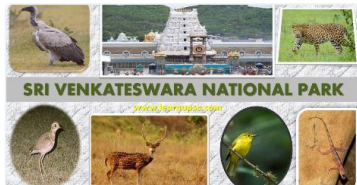
Sri Venkateswara National Park

Sri Venkateswara National Park is a national park and biosphere reserve in Tirupati of Andhra Pradesh, India. The total area of the park is 353 km2.

Explore →

Great Himalayan National Park

Great Himalayan National Park is located in Himachal Pradesh, India. It's renowned for its biodiversity, including rare Himalayan flora and fauna, and offers stunning mountain scenery.

Explore →

Bandhavgarh National Park

Bandhavgarh National Park is spread over the Vindhya hills in Madhya Pradesh. The national park consists of a core area of 105 sq km and a buffer area of approximately 400 sq km.

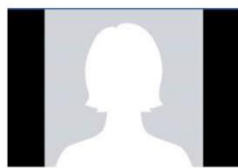Explore →

WILDLIFE SANCTUARIES IN INDIA

Below are the various Wildlife Sanctuaries in India.
Click on the each Wildlife Sanctuary to see further details.
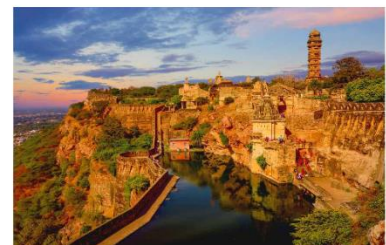
About Teacher

She is a very enthusiastic teacher with lots of
enthusiasm. she is very hard working and punctual.
she is very dedicated towards her work.
DR.SHIKHA

Quiz Time

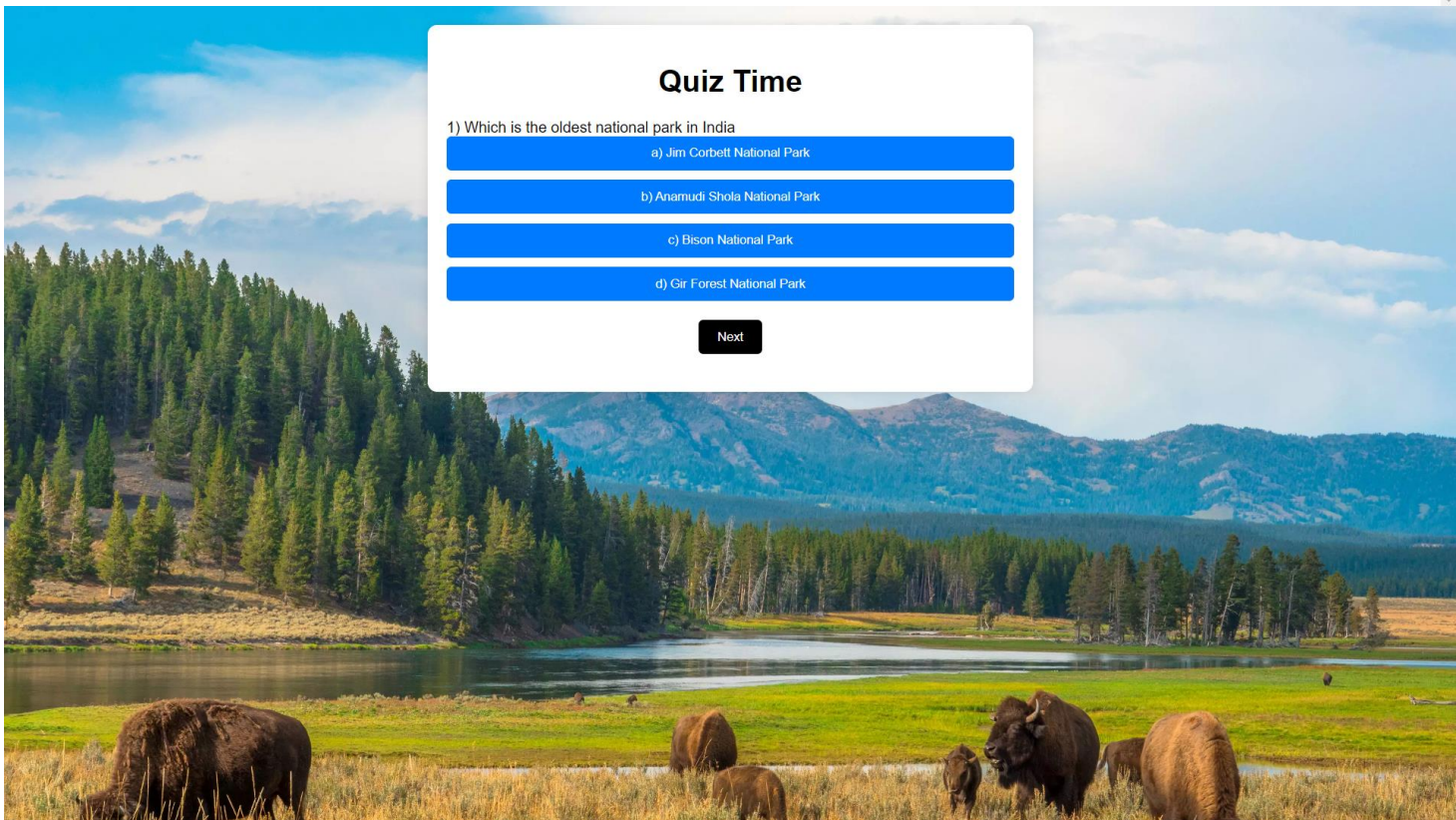1) Which is the oldest national park in India

a) Jim Corbett National Park

b) Anamudi Shola National Park

c) Bison National Park

d) Gir Forest National Park

Next

Quiz Time

You scored 16 out of 20!

Slide Three

Asiatic Lion: Gir National Park, the Last Stronghold

Gir National Park, located in the western Indian state of Gujarat, is the last remaining stronghold of the majestic Asiatic lion. This unique ecosystem is home to the world's largest population of the endangered big cat subspecies.

With lush forests, rocky outcrops, and abundant prey, Gir provides the perfect habitat for the Asiatic lion to thrive. Conservation efforts have been instrumental in protecting this iconic species from the brink of extinction.
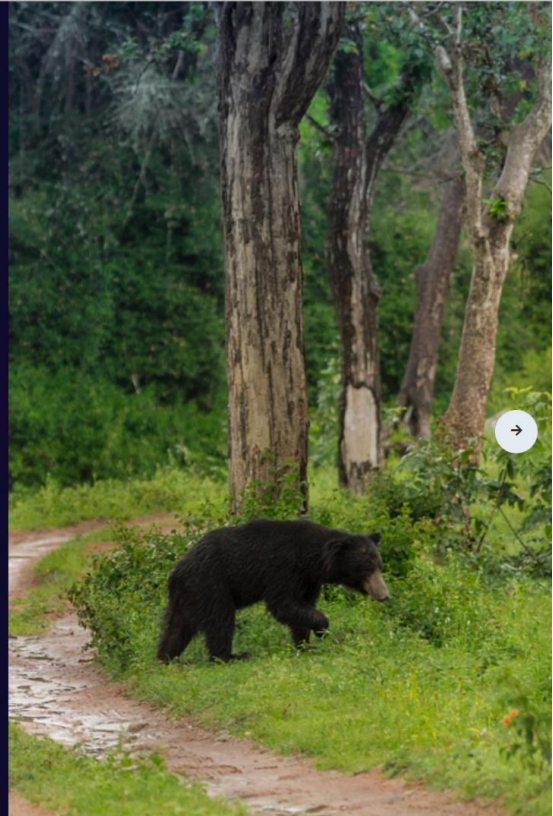
Sloth Bear: Bandipur National Park, a Sanctuary for the Gentle Giant

Bandipur National Park in Karnataka is a haven for the elusive sloth bear. These gentle giants roam the lush forests, foraging for termites and berries. With their distinctive shaggy coats and long snouts, sloth bears are a captivating sight for visitors to this protected sanctuary.

FEEDBACK

Please Enter the required fields and click on the Submit button.

Name

Email

Message

Submit

REFERNCES

1. **Website:**
   - W3Schools

2. **YouTube**

THANK YOU !