Project Report on Web page "Interactive Knowledge Quiz"

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Acknowledgement

I would like to express my deep sense of gratitude and thanks to my computer teacher, Mr. Kiran Aryal, for providing invaluable guidance throughout the course of the project. His constructive advice was instrumental in the successful completion of the project.

I extend my sincere thanks to our chief, <u>Mr. Bikram Rai</u>, for his coordination and for providing every possible support, which greatly contributed to the project's completion.

I am also thankful to my parents for their unwavering motivation and support. Additionally, I must express my gratitude to my classmates for their timely help and support, which were crucial in bringing the project to fruition.

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1. Introduction

The "Interactive Knowledge Quiz" page offers users an engaging and educational journey. With its visually appealing design and diverse quiz content, it successfully captures the user's interest from the outset. The interactive features, including the Play button and accordion effect, create a seamless and enjoyable navigation experience, inviting participants to explore a variety of topics and test their knowledge.

The quiz goes beyond mere assessment, encouraging critical thinking and problem-solving. The immediate feedback and social sharing options at the end enhance the sense of accomplishment and create a community of learners. In essence, the "Interactive Knowledge Quiz" page achieves its goal of making learning both interactive and rewarding, providing users with an enriching experience that extends beyond traditional quizzes

2. Structural Overview

The "Interactive Knowledge Quiz" web page is structured to provide a seamless and engaging user experience, incorporating essential HTML, CSS, and JavaScript elements. The HTML code defines the layout, while CSS styles enhance the visual presentation, and JavaScript functions add interactivity.

A. HTML Structure

```
<!DOCTYPE html>
<html>
<head>
  <title> Interactive Knowledge Quiz </title>
  k rel = "stylesheet" href = "styles.css">
  <script src = "script.js"></script>
</head>
<body>
  <h1 class = "topic" > Interactive Knowledge Quiz </h1>
  <br> <br>>
  <div class = "says">
     Useful knowledge is a great support for intuition. 
     -Charles B. Rogers 
  </div>
  <div class = "real">
    <div>
       <h2 class = "heading">
         Engage, Learn, and Have Fun: Unleash Your Knowledge with Our Exciting Quiz!
       </h2>
       Welcome to My Website, where curiosity meets entertainment! If you're ready to embark
       on a journey of knowledge and fun, you're in the right place. Today, we invite you to
       challenge yourself with our captivating quiz. It's time to click that enticing button below
       and dive into a world of questions that will tickle your brain and spark your curiosity.
       <h3>
         Take Our Quiz?
       </h3>
       <div class = "container">
```

```
<div>
    type = "1">
       Knowledge Enrichment: 
       >
       Our quiz is not just about answering questions; it's an opportunity to expand your
       knowledge horizons. From general object to standard topics, our carefully
       curated questions cover a wide range of subjects. Whether you're a history buff,
       a science enthusiast, or a pop culture aficionado, there's something for
        everyone.
        Challenge Yourself : 
       Life is all about growth, and our quiz is designed to challenge your intellect. Get
       ready to push your boundaries, think critically, and solve intriguing puzzles. It's
       not just a quiz; it's a mental workout that will leave you feeling accomplished.
        Interactive Learning: 
       Learning is most effective when it's engaging. Our quiz format ensures that you
       actively participate in the learning process. Each question is a doorway to new
       information, making your learning experience dynamic and enjoyable.
        </div>
  <div>
    <img src = "photo-1.webp" class = "image">
  </div>
</div>
<div class = "container">
  <div>
    <img src = "photo-2.webp" class = "image">
  </div>
  <div>
    <h3>
      How to Play:
    </h3>
    type = "1" >
      Click the Button Below:
```

```
>
            It's as simple as that! Look for the vibrant button that says "Play Quiz" and give it
            a click. You'll instantly be transported to a world of guestions waiting to be
            conquered.
            Answer Thoughtfully:
            Read each question carefully, and don't rush. Take a moment to think before
            selecting your answer. Every correct response is a victory, and every incorrect
            one is an opportunity to learn something new.
            Celebrate Your Achievements: 
            After completing the quiz, see how you stack up against others. Share your
            results with friends, challenge them to beat your score, and revel in the joy of
            expanding your knowledge.
            </div>
    </div>
    <center>
       <h3>
         Join the Fun - Click Below to Play!
       <button id = "play" class = "play" onclick = "accordion()">
         Play
      </button>
    </center>
     Are you ready to unleash your inner quiz champion? Click that button below and let the
     games begin! Engage, learn, and have a blast with our exciting quiz. Don't miss out on
     the opportunity to make learning a thrilling adventure. Happy quizzing!
    </div>
</div>
  <div class = "content" id = "start">
    <div class = "real2">
       <fieldset class = "field">
          <legend>
           <h2 class = "heading2"> Let's start playing guiz </h2>
         </legend>
```

```
√li>
       Who is the present president of Nepal? 
      <input type = "radio" class = "option" name = "option1" > K.P. Oli
      <input type = "radio" class = "option" name = "option1" > Sher Bahadur Deuba
      <input type = "radio" class = "option" name = "option1" > Bidhya Devi Bhandari
      <input type = "radio" class = "option" name = "option1" > Ram Chandra Poudel
     Which is the most viewed anime in 2023? 
      <input type = "radio" class = "option" name = "option2" > One Piece
      <input type = "radio" class = "option" name = "option2" > Demon Slayer
      <input type = "radio" class = "option" name = "option2" > Jujutsu Kaisen
      <input type = "radio" class = "option" name = "option2" > Dragon Ball Super
    Which number should be there next in this series? 25, 24, 22, 19, 15 
      <input type = "radio" class = "option" name = "option3" > 14
      <input type = "radio" class = "option" name = "option3" > 5
      <input type = "radio" class = "option" name = "option3" > 30
      <input type = "radio" class = "option" name = "option3" > 10
     Which is the oldest mythology in the world? 
      <input type = "radio" class = "option" name = "option4" > Hinduism
      <input type = "radio" class = "option" name = "option4" > Christianity
      <input type = "radio" class = "option" name = "option4" > Greek
      <input type = "radio" class = "option" name = "option4" > Islamism
    मन चोर्ने मायाल् ति राती राती आउछिन उज्यालो हन नपाउदै कुन्नी
         कता जान्छिन के होला त्येस्तो ? 
      <input type = "radio" class = "option" name = "option5" > मृला
      <input type = "radio" class = "option" name = "option5" > समय
      <input type = "radio" class = "option" name = "option5" > निन्द्रा
       <input type = "radio" class = "option" name = "option5" > केरा
    <h2 id = "final"></h2>
  </fieldset>
</div>
```

B. CSS Structure (styles.css) body{

```
background-image: url(bg.jpg);
  font-family: Arial;
}
.real{
  box-shadow: 0px 0px 10px rgba(52, 2, 2, 0.563);
  width: 1100px;
  border-radius: 1px 10px 1px 10px;
  background-color: white;
  margin: auto;
  padding: 10px;
  margin-bottom: 150px;
}
.content{
  box-shadow: 0px 0px 10px rgba(52, 2, 2, 0.563);
  width: 1100px;
  border-radius: 1px 10px 1px 10px;
  background-color: white;
  margin: auto;
  padding: 10px;
  display: none;
  height: 500px;
  margin-bottom: 150px;
}
.field{
  height: 470px;
}
.topic{
  color: rgb(11, 6, 56);
  text-align: center;
  font-family: sans-serif;
  font-size: 80px;
  margin: auto;
}
.heading{
  text-align: center;
```

```
.says{
  display: flex;
  text-align: center;
  font-weight: bold;
  color: rgb(11, 6, 56);
}
.says1{
  margin-left: auto;
.says2{
  margin-right: auto;margin-left: 35px;
}
.heading2{
  text-align: center;
.questions{
  font-family: sans-serif;
  font-weight: bold;
  cursor: pointer;
}
.option-container{
  display: flex;
}
.option{
  margin-right: 5px;
  margin-left: 50px;
  cursor: pointer;
button{
  background-color: rgb(66, 183, 42);
  border: none;
  font-weight: bold;
  padding: 8px;
  color: white;
  border-radius: 4px;
  font-size: 18px;
  margin-top:20px;
  margin-left:auto;
  cursor: pointer;
}
.btncontainer{
```

```
text-align: center;
  margin-top: 15px;
}
.play{
  margin: auto;
.container{
  display: flex;
}
.image{
  width: 200px;
  height: 200px;
  object-fit: cover;
  margin-top: 60px;
  border-radius: 100px;
}
.quiz{
  height: 475px;
#final{
  text-align: center;
  color: red;
}
```

C. JavaScript Structure (script.js)

```
function clicked() {
  var score = 0;
  var comp;
  // Question 1
  var options1 = document.getElementsByName("option1");
  for (var i = 0; i < options1.length; i++) {
    if (options1[i].checked && options1[i].value === "Ram Chandra Poudel") {
       score++;
    }
  }
  // Question 2
  var options2 = document.getElementsByName("option2");
  for (var i = 0; i < options2.length; i++) {
    if (options2[i].checked && options2[i].value === "Demon Slayer") {
       score++;
    }
  }
  // Question 3
  var options3 = document.getElementsByName("option3");
  for (var i = 0; i < options3.length; i++) {
    if (options3[i].checked && options3[i].value === "10") {
       score++;
    }
  }
  // Question 4
  var options4 = document.getElementsByName("option4");
  for (var i = 0; i < options4.length; i++) {
    if (options4[i].checked && options4[i].value === "Hinduism") {
       score++;
  }
  // Question 5
```

10

```
var options5 = document.getElementsByName("option5");
  for (var i = 0; i < options 5.length; i++) {
    if (options5[i].checked && options5[i].value === "निन्द्रा") {
       score++;
  }
  if(score == 5)
  comp = 'Outstanding';
  else if (score==4)
  comp = 'Excellent';
  else if(score==3)
  comp = 'Good';
  else
  comp = 'Work hard';
  document.getElementById(" final ").innerHTML = " *** " +comp+ " ! You scored " + score + " in
the quiz out of 5 *** ";
}
function accordion(){
  var accordionContent = document.getElementById("start");
  if (accordionContent.style.display === "none" || accordionContent.style.display === "")
  {
    accordionContent.style.display = "block";
  else {
    accordionContent.style.display = "none";
}
```

D. Images Included

I. bg.jpg



II. photo-1.jpeg



III. photo-2.jpeg



3. <u>User Interaction and Experience</u>

The "Interactive Knowledge Quiz" web page is meticulously designed to provide users with an engaging and enriching experience. The following features contribute to a seamless and enjoyable user interaction:

A. Visually Captivating Introduction:

- The page begins with a captivating header and an inspiring quote by Charles B. Rogers, creating an immediate visual impact.
- Accompanying images set a welcoming tone, inviting users to explore the quiz with curiosity.

B. Diverse Quiz Content

- The quiz covers a wide range of topics, from general knowledge to specific niches, ensuring a diverse and engaging experience
- Multiple-choice questions challenge users to think critically, fostering an interactive learning environment.

C. Play Button Activation

- The central "Play" button serves as the gateway to the quiz, encouraging users to initiate the interactive experience.
- Upon clicking, the button triggers an accordion effect, smoothly revealing additional content and guiding users through quiz instructions.

I. Before pressing 'Play' button

Interactive Knowledge Quiz

Engage, Learn, and Have Fun: Unleash Your Knowledge with Our Exciting Quiz!

Welcome to My Website, where curiosity meets entertainment! If you're ready to embark on a journey of knowledge and fun, you're in the right place. Today, we invite you to challenge yourself with our captivating quiz. It's time to click that enticing button below and dive into a world of questions that will tickle your brain and spark your curiosity.

Take Our Quiz?

1. Knowledge Enrichment:

Our quiz is not just about answering questions; it's an opportunity to expand your knowledge horizons. From general trivia to niche topics, our carefully curated questions cover a wide range of subjects. Whether you're a history buff, a science enthusiast, or a pop culture aficionado, there's something for everyone.

2. Challenge Yoursel

Life is all about growth, and our quiz is designed to challenge your intellect. Get ready to push your boundaries, think critically, and solve intriguing puzzles. It's not just a quiz; it's a mental workout that will leave you feeling accomplished

3. Interactive Learning

Learning is most effective when it's engaging. Our quiz format ensures that you actively participate in the learning process. Each question is a doorway to new information, making your learning experience dynamic and enjoyable.

How to Play:

1. Click the Button Below:

It's as simple as that! Look for the vibrant button that says "Play Quiz" and give it a click. You'll instantly be transported to a world of questions waiting to be conquered.

-Charles B. Roger

2. Answer Thoughtfully:

Read each question carefully, and don't rush. Take a moment to think before selecting your answer. Every correct response is a victory, and every incorrect one is an opportunity to learn something new.

3. Celebrate Your Achievements:

After completing the quiz, see how you stack up against others. Share your results with friends, challenge them to beat your score, and revel in the joy of expanding your knowledge.

Join the Fun - Click Below to Play!



Are you ready to unleash your inner quiz champion? Click that button below and let the games begin! Engage, learn, and have a blast with our exciting quiz. Don't miss out on the opportunity to make learning a thrilling adventure. Happy quizzing!





II. After pressing 'Play' button

Interactive Knowledge Quiz

Engage, Learn, and Have Fun: Unleash Your Knowledge with Our Exciting Quiz!

Welcome to My Website, where curiosity meets entertainment! If you're ready to embark on a journey of knowledge and fun, you're in the right place. Today, we invite you to challenge yourself with our captivating quiz. It's time to click that enticing button below and dive into a world of questions that will tickle your brain and spark your curiosity.

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3. Interactive Learning:

Learning is most effective when it's engaging. Our quiz format ensures that you actively participate in the learning process. Each question is a doorway to new information, making your learning experience dynamic and enjoyable

How to Play:



It's as simple as that! Look for the vibrant button that says "Play Quiz" and give it a click. You'll instantly be transported to a world of questions waiting to be conquered.

2 Answer Thoughtfully

1. Click the Button Below:

Read each question carefully, and don't rush. Take a moment to think before selecting your answer. Every correct response is a victory, and every incorrect one is an opportunity to learn something new.

3. Celebrate Your Achievements:

After completing the quiz, see how you stack up against others. Share your results with friends, challenge them to beat your score, and revel in the joy of expanding your knowledge.

Join the Fun - Click Below to Play!



Are you ready to unleash your inner quiz champion? Click that button below and let the games begin! Engage, learn, and have a blast with our exciting quiz. Don't miss out on the opportunity to make learning a thrilling adventure. Happy quizzing!

Let's start playing quiz

- A. Who is the present president of Nepal?
 - O K.P. Oli
- O Sher Bahadur Deuba
- O Bidhya Devi Bhandari
- O Ram Chandra Poudel

- B. Which is the most viewed anime in 2023?
 - One Piece Opemon Slayer
 - Demon Slayer O Jujutsu Kaisen
- O Dragon Ball Super
- C. Which number should be there next in this series? 25, 24, 22, 19, 15
 - O 14 O 5 O 30 O 10
- D. Which is the oldest mythology in the world?
 - O Hinduism O Christianity

् समय

- Greek Islamism
- E. मन चोर्ने मायालु ति राती राती आउछिन उज्यालो हुन नपाउदै कुन्नी कता जान्छिन के होला त्येस्तो ?
 - ं मुला
- ं निन्द्रा
- ं केरा

D. Strategic Submit Button

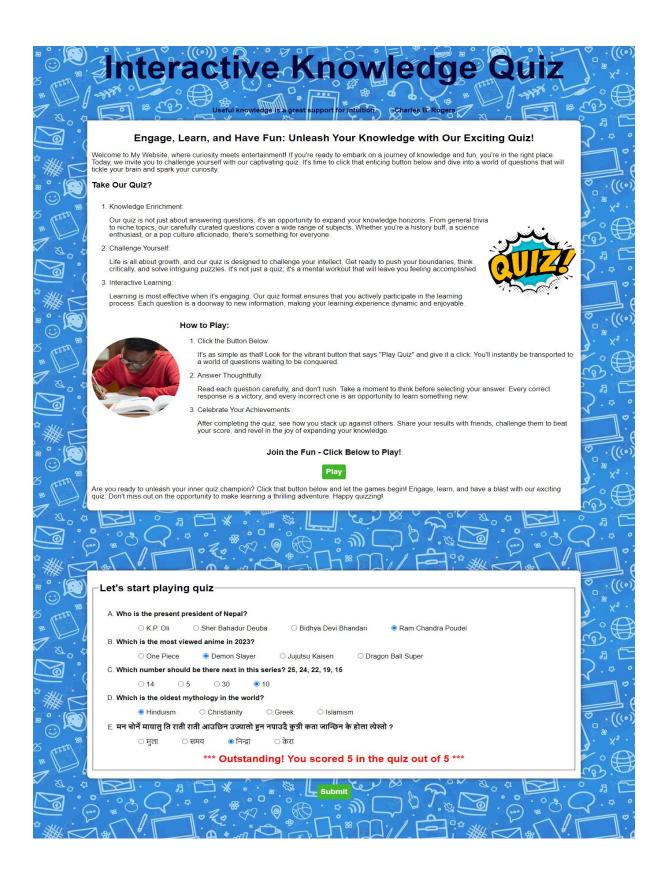
- The "Submit" button appears at the end of the quiz, prompting users to finalize their responses and receive instant feedback.
- Strategically placed, the button enhances the sense of accomplishment and completion for participants

I. Before pressing 'Submit' button

e Knowledge Q -Charles B. Roger Engage, Learn, and Have Fun: Unleash Your Knowledge with Our Exciting Quiz! Welcome to My Website, where curiosity meets entertainment! If you're ready to embark on a journey of knowledge and fun, you're in the right place. Today, we invite you to challenge yourself with our captivating quiz. It's time to click that enticing button below and dive into a world of questions that will tickle your brain and spark your curiosity. Take Our Quiz? 1. Knowledge Enrichment: Our quiz is not just about answering questions; it's an opportunity to expand your knowledge horizons. From general trivia to niche topics, our carefully curated questions cover a wide range of subjects. Whether you're a history buff, a science enthusiast, or a pop culture aficionado, there's something for everyone. Life is all about growth, and our quiz is designed to challenge your intellect. Get ready to push your boundaries, think critically, and solve intriguing puzzles. It's not just a quiz; it's a mental workout that will leave you feeling accomplished Learning is most effective when it's engaging. Our quiz format ensures that you actively participate in the learning process. Each question is a doorway to new information, making your learning experience dynamic and enjoyable How to Play: 1. Click the Button Below: It's as simple as that! Look for the vibrant button that says "Play Quiz" and give it a click. You'll instantly be transported to a world of questions waiting to be conquered. 2. Answer Thoughtfully: Read each question carefully, and don't rush. Take a moment to think before selecting your answer. Every correct response is a victory, and every incorrect one is an opportunity to learn something new. 3. Celebrate Your Achievements: After completing the quiz, see how you stack up against others. Share your results with friends, challenge them to beat your score, and revel in the joy of expanding your knowledge. Join the Fun - Click Below to Play! Are you ready to unleash your inner quiz champion? Click that button below and let the games begin! Engage, learn, and have a blast with our exciting quiz. Don't miss out on the opportunity to make learning a thrilling adventure. Happy quizzing! Let's start playing quiz A. Who is the present president of Nepal? O Sher Bahadur Deuba O Bidhya Devi Bhandari O Ram Chandra Poude B. Which is the most viewed anime in 2023? One Piece O Demon Slayer O Jujutsu Kaisen O Dragon Ball Super C. Which number should be there next in this series? 25, 24, 22, 19, 15 0 14 ○ 30 0 10 D. Which is the oldest mythology in the world? O Christianity O Greek O Islamism E. मन चोर्ने मायालु ति राती राती आउछिन उज्यालो हुन नपाउदै कुन्नी कता जान्छिन के होला त्येस्तो ? ् समय ं निन्द्रा ं केरा ं मला

II. After pressing 'Submit' button

When 'Submit' button is clicked after selecting answer in radio button we can see the score scored in red colored font.



4. Educational Value

The "Interactive Knowledge Quiz" web page has the potential to positively impact education in Nepal in several ways. It serves as an accessible platform for individuals across regions, providing exposure to diverse global knowledge alongside content relevant to Nepal. The inclusion of questions related to Nepali culture and current affairs enhances cultural relevance, fostering a stronger connection between participants and their local context.

Emphasizing critical thinking and problem-solving skills, the quiz aligns with modern educational goals. The social sharing features encourage community engagement, allowing users in Nepal to celebrate knowledge achievements collectively. Additionally, the quiz promotes digital literacy and serves as a supplementary educational resource, complementing formal education. Overall, this interactive quiz can contribute to a more engaging and inclusive educational experience in Nepal, fostering continuous learning and community participation

5. Conclusion

The "Interactive Knowledge Quiz" web page is like a fun adventure where you learn cool stuff online. It's not just a boring test; it's a mix of fun and learning. When you click to play, there's a cool button and things open up like a magic trick. You get questions on all sorts of things, not just school stuff but also interesting topics. It's like a game that helps you think and learn new things.

At the end of the quiz, you get feedback, like a high-five for doing well. You can also share your results with friends and feel proud of what you learned. The quiz is like a friendly challenge that makes learning exciting and fun. It shows that learning can be cool, and you can be a knowledge explorer, having a great time along the way

6. References

- A Chat GPT (AI.)
- B W8Schools (Website)
- C. Tutorials Point (Website)
- D. Super Simple Dev (YouTube Channel)
- E Buddha Publications Computer Science-II (Book)