

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

WEB PROGRAMMING CA2 PROJECT

TOPIC : QUIZ WEBSITE

INTRODUCTION OF PROJECT:

This is a quiz website for users to test their knowledge in various subjects . Here , there are 5 different subjects from which the user can choose any one subject and attempt the quiz . There will be 5 questions and 4 options for each question out of which the user can choose only one option . At the end of 5th question the user will be displayed the result and also they can attempt the quiz again if they wish to attempt.

CODING OF PROJECT:

HTML: For displaying the website and making it interactive.

JAVASCRIPT : For the questions and its solution to the quiz.

CSS : For beautifying the structure of the website and webpages.

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

STYLE SHEET :

```
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;400&display=swap');
```

```
* {
  box-sizing: border-box;
}
```

```
body {
  background-color: #b8c6db;
  background-image: linear-gradient(315deg, #b8c6db 0%, #C07cff 100%);
  font-family: 'Poppins', sans-serif;
  display: flex;
  align-items: center;
  justify-content: center;
  height: 100vh;
  overflow: hidden;
  margin: 0;
}
```

```
.quiz-container {
  background-color: #fff;
  border-radius: 10px;
  box-shadow: 0 0 10px 2px rgba(100, 100, 100, 0.1);
  width: 600px;
  overflow: hidden;
}
```

```
.quiz-header {
  padding: 4rem;
}
```

```
h2 {
  padding: 1rem;
  text-align: center;
  margin: 0;
}
```

```
ul {
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

```
list-style-type: none;  
padding: 0;  
}
```

```
ul li {  
font-size: 1.2rem;  
margin: 1rem 0;  
}
```

```
ul li label {  
cursor: pointer;  
}
```

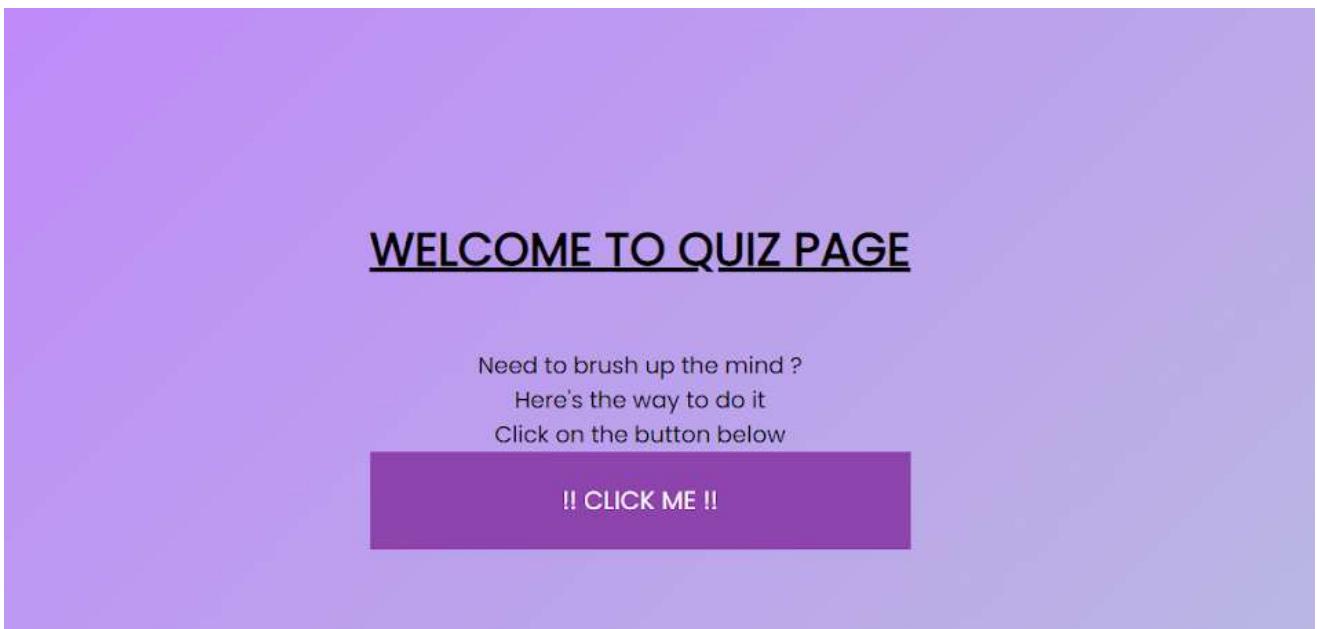
```
button {  
background-color: #8e44ad;  
color: #fff;  
border: none;  
display: block;  
width: 100%;  
cursor: pointer;  
font-size: 1.1rem;  
font-color:#ffffff;  
font-family: inherit;  
padding: 1.3rem;  
}
```

```
button:hover {  
background-color: #732d91;  
}
```

```
button:focus {  
outline: none;  
background-color: #5e3370;  
}
```

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

MAIN PAGE:



CODE:

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<link rel="stylesheet" href="style.css" />
</head>
<body>
<center>
<u><h1> WELCOME TO QUIZ PAGE </h1></u>
<br>
Need to brush up the mind ?
<br>
Here's the way to do it
<br>
Click on the button below
<br>
<button
onclick="location.href='file:///C:/Users/ALICE/OneDrive/Desktop/sycs%20ALICE/HTML/PROJECT/index%20page.html'" type="button">
!! CLICK ME !!
</button>
</center>
</body>
</html>
```

NAME : ALICE DURGE

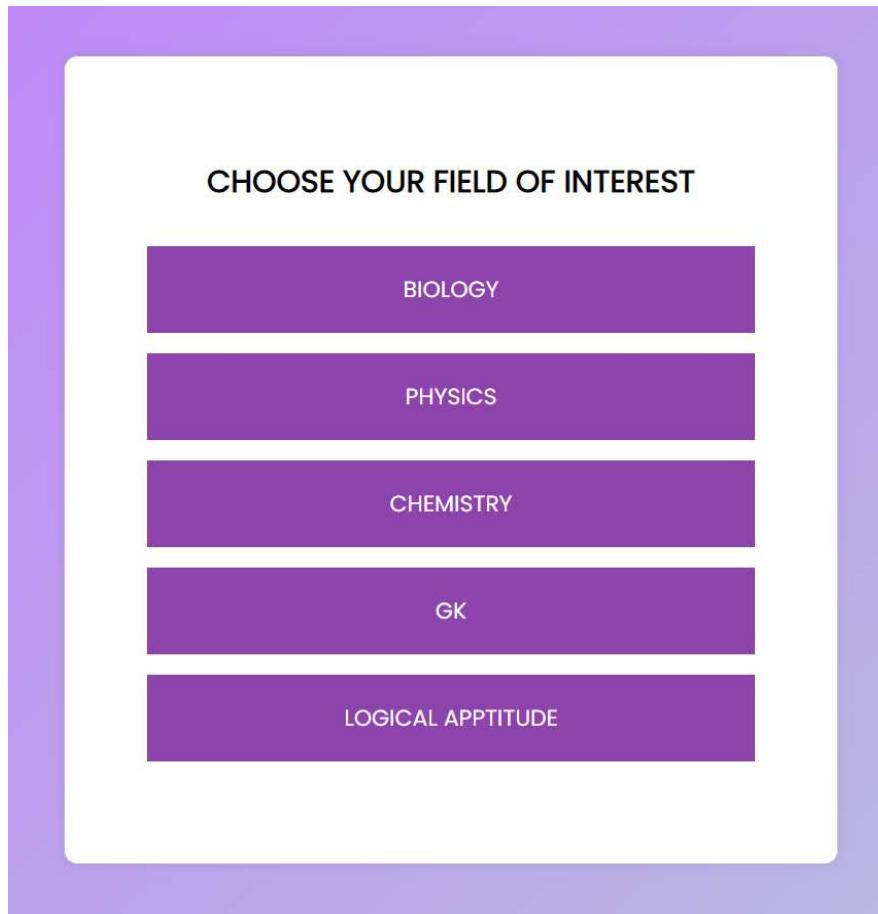
ROLL NO :5840

CLASS : SYCS A

```
</button>
</center>
</body>
</html>
```

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

INDEX PAGE:



CODE:

```
<!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="style.css" />
    <script>
      Document.getElementById("bio").addEventListener("click", function(){
        location.href="C:\Users\ALICE\OneDrive\Desktop\syces
ALICE\HTML\PROJECT\biology.html";
      });
    </script>
  </head>
  <body>
```

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

```
<form>
<center>
<div class="quiz-container" id="quiz">
<div class="quiz-header">

<h2 id="question">CHOOSE YOUR FIELD OF INTEREST</h2>
<ul type="none">
<li>
    <button
        onclick="location.href='file:///C:/Users/ALICE/OneDrive/Desktop/sycts%20ALICE/HTML/PROJECT/biology.html'" type="button">
        BIOLOGY
    </button>
</li>

<li>
    <button
        onclick="location.href='file:///C:/Users/ALICE/OneDrive/Desktop/sycts%20ALICE/HTML/PROJECT/physics.html'" type="button">
        PHYSICS
    </button>
</li>

<li>
    <button
        onclick="location.href='file:///C:/Users/ALICE/OneDrive/Desktop/sycts%20ALICE/HTML/PROJECT/chemistry.html'" type="button">
        CHEMISTRY
    </button>
</li>

<li>
    <button
        onclick="location.href='file:///C:/Users/ALICE/OneDrive/Desktop/sycts%20ALICE/HTML/PROJECT/gk.html'" type="button">
        GK
    </button>
</li>
```

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

```
</li>
<li>
    <button
onclick="location.href='file:///C:/Users/ALICE/OneDrive/Desktop/sy whole%20ALICE/HTML/PROJECT/logical%20apptitude.html'" type="button">
        LOGICAL APPTITUDE
    </button>
</li>
</ul>
</div>
</center>
</body>
</html>
```

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

BIOLOGY PAGES CODE:

```
<!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="style.css" />
<title>Quiz App</title>
</head>
<body>
<div class="quiz-container" id="quiz">
<div class="quiz-header">
<h2 id="question">Question text</h2>
<ul>
<li>
<input type="radio" name="answer" id="a" class="answer">
<label for="a" id="a_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="b" class="answer">
<label for="b" id="b_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="c" class="answer">
<label for="c" id="c_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="d" class="answer">
<label for="d" id="d_text">Question</label>
</li>
</ul>
</div>
<button id="submit">Submit</button>
</div>
<script src="bio.js"></script>
</body>
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

</html>

BIOLOGY JS CODE:

```
const quizData = [
    {
        question: "Fungi are plants that lack ....?",  

        a: "Oxygen",  

        b: "Carbon Dioxide",  

        c: "Chlorophyll",  

        d: "None of these",  

        correct: "c",
    },
    {
        question: "Which blood vessels have the smallest diameter?",  

        a: "Capillaries",  

        b: "Arterioles",  

        c: "Venules",  

        d: "Lymphatic",  

        correct: "a",
    },
    {
        question: "Which organ of the body produces the fluid known as bile?",  

        a: "Liver",  

        b: "Pancreas",  

        c: "Gall bladder",  

        d: "Kidney",  

        correct: "a",
    },
    {
        question: "Which one of the following is not a function of the liver?",  

        a: "Regulation of blood sugar",  

        b: "Enzyme activation",  

        c: "Detoxification",  

        d: "Reproduction",  

        correct: "d",
    },
    {
        question: "Which of the following is not a member of the vitamin B complex",  

        a: "Thiamine",
```

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

```
b: "Riboflavin",
c: "Folic acid",
d: "Ascorbic acid",
correct: "d",
}

];
};

const quiz = document.getElementById('quiz')
const answerEls = document.querySelectorAll('.answer')
const questionEl = document.getElementById('question')
const a_text = document.getElementById('a_text')
const b_text = document.getElementById('b_text')
const c_text = document.getElementById('c_text')
const d_text = document.getElementById('d_text')
const submitBtn = document.getElementById('submit')

let currentQuiz = 0
let score = 0

loadQuiz()

function loadQuiz() {
    deselectAnswers()

    const currentQuizData = quizData[currentQuiz]

    questionEl.innerText = currentQuizData.question
    a_text.innerText = currentQuizData.a
    b_text.innerText = currentQuizData.b
    c_text.innerText = currentQuizData.c
    d_text.innerText = currentQuizData.d
}

function deselectAnswers() {
    answerEls.forEach(answerEl => answerEl.checked = false)
}

function getSelected() {
    let answer
```

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

```
answerEls.forEach(answerEl => {
    if(answerEl.checked) {
        answer = answerEl.id
    }
})

return answer
}

submitBtn.addEventListener('click', () => {
    const answer = getSelected()

    if(answer) {
        if(answer === quizData[currentQuiz].correct) {
            score++
        }
    }

    currentQuiz++

    if(currentQuiz < quizData.length) {
        loadQuiz()
    } else {
        quiz.innerHTML =
            `<h2>You answered ${score}/${quizData.length} questions correctly</h2>
            <button onclick="location.reload()">Reload</button>
            `
    }
})
})
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

Fungi are plants that lack?

- Oxygen
- Carbon Dioxide
- Chlorophyll
- None of these

Submit

**Which blood vessels have the
smallest diameter?**

- Capillaries
- Arterioles
- Venules
- Lymphatic

Submit

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

**Which organ of the body produces
the fluid known as bile?**

- Liver
- Pancreas
- Gall bladder
- Kidney

Submit

**Which one of the following is not a
function of the liver?**

- Regulation of blood sugar
- Enzyme activation
- Detoxification
- Reproduction

Submit

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

Which of the following is not a member of the vitamin B complex

- Thiamine
- Riboflavin
- Folic acid
- Ascorbic acid

Submit

You answered 2/5 questions correctly

Reload

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

PHYSICS PAGES CODE:

```
<!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="style.css" />
<title>Quiz App</title>
</head>
<body>
<div class="quiz-container" id="quiz">
<div class="quiz-header">
<h2 id="question">Question text</h2>
<ul>
<li>
<input type="radio" name="answer" id="a" class="answer">
<label for="a" id="a_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="b" class="answer">
<label for="b" id="b_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="c" class="answer">
<label for="c" id="c_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="d" class="answer">
<label for="d" id="d_text">Question</label>
</li>
</ul>
</div>
<button id="submit">Submit</button>
</div>
<script src="phy.js"></script>
</body>
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

</html>

PHYSICS JS CODE:

```
const quizData = [
  {
    question: "A pull or a push applied or exerted on an object is _____",
    a: "Energy",
    b: "Force",
    c: "Velocity",
    d: "Distance",
    correct: "b",
  },
  {
    question: "The ability to do work is _____",
    a: "Velocity",
    b: "Force",
    c: "Energy",
    d: "Heat",
    correct: "c",
  },
  {
    question: "_____ is said to be done when a force of 1Newton moves an object of mass 1gram, 1 meter in the direction of the force.",
    a: "Force",
    b: "Time",
    c: "Energy",
    d: "Work",
    correct: "d",
  },
  {
    question: "What type of lens is a Magnifying Glass?",
    a: "Convex",
    b: "Concave",
    c: "Parabolic",
    d: "Plane",
    correct: "a",
  },
]
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

```
question: "Mirrors _____ light rays to make an image.",  
a: "Reflect",  
b: "Refract",  
c: "Diffract",  
d: "Diffuse",  
correct: "a",  
}  
];
```

```
const quiz = document.getElementById('quiz')  
const answerEls = document.querySelectorAll('.answer')  
const questionEl = document.getElementById('question')  
const a_text = document.getElementById('a_text')  
const b_text = document.getElementById('b_text')  
const c_text = document.getElementById('c_text')  
const d_text = document.getElementById('d_text')  
const submitBtn = document.getElementById('submit')
```

```
let currentQuiz = 0  
let score = 0
```

```
loadQuiz()
```

```
function loadQuiz() {  
    deselectAnswers()  
  
    const currentQuizData = quizData[currentQuiz]  
  
    questionEl.innerText = currentQuizData.question  
    a_text.innerText = currentQuizData.a  
    b_text.innerText = currentQuizData.b  
    c_text.innerText = currentQuizData.c  
    d_text.innerText = currentQuizData.d  
}
```

```
function deselectAnswers() {  
    answerEls.forEach(answerEl => answerEl.checked = false)  
}
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

```
function getSelected() {
    let answer

    answerEls.forEach(answerEl => {
        if(answerEl.checked) {
            answer = answerEl.id
        }
    })
}

return answer
}

submitBtn.addEventListener('click', () => {
    const answer = getSelected()

    if(answer) {
        if(answer === quizData[currentQuiz].correct) {
            score++
        }
    }

    currentQuiz++

    if(currentQuiz < quizData.length) {
        loadQuiz()
    } else {
        quiz.innerHTML =
            '<h2>You answered ${score}/${quizData.length} questions correctly</h2>
            <button onclick="location.reload()">Reload</button>
            '
    }
})
})
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

A pull or a push applied or exerted
on an object is -----

- Energy
- Force
- Velocity
- Distance

Submit

The ability to do work is -----

- Velocity
- Force
- Energy
- Heat

Submit

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

----- is said to be done when a force of 1Newton moves an object of mass 1gram, 1 meter in the direction of the force.

- Force
- Time
- Energy
- Work

Submit

What type of lens is a Magnifying Glass?

- Convex
- Concave
- Parabolic
- Plane

Submit

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

Mirrors _____ light rays to make an image.

- Reflect
- Refract
- Diffract
- Diffuse

Submit

You answered 4/5 questions correctly

Reload

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

CHEMISTRY PAGES CODE:

```
<!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="style.css" />
<title>Quiz App</title>
</head>
<body>
<div class="quiz-container" id="quiz">
<div class="quiz-header">
<h2 id="question">Question text</h2>
<ul>
<li>
<input type="radio" name="answer" id="a" class="answer">
<label for="a" id="a_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="b" class="answer">
<label for="b" id="b_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="c" class="answer">
<label for="c" id="c_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="d" class="answer">
<label for="d" id="d_text">Question</label>
</li>
</ul>
</div>
<button id="submit">Submit</button>
</div>
<script src="chem.js"></script>
</body>
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

</html>

CHEMISTRY JS CODE:

```
const quizData = [
  {
    question: "What is chemical formula for water?",  

    a: "H2O",  

    b: "H2O2",  

    c: "H4O2",  

    d: "H2O6",  

    correct: "a",
  },
  {
    question: "The symbol Ag stands for which element?",  

    a: "Gallium",  

    b: "Magnesium",  

    c: "Gold",  

    d: "Silver",  

    correct: "d",
  },
  {
    question: "A mole contains Avogadro's number of items. What is Avogadro's number?",  

    a: "6023",  

    b: "6.023 x 10^23",  

    c: "6.02 x 10^-23",  

    d: "3 x 10^8",  

    correct: "b",
  },
  {
    question: "What do you call an atom that has more protons than electrons?",  

    a: "Molecule",  

    b: "Isotope",  

    c: "Anion",  

    d: "Cation",  

    correct: "d",
  },
  {
    question: "A drop of food coloring spreading out in a cup of water is an example of which transport process?",
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

```
a: "Diffusion",
b: "Osmosis",
c: "Vapor Pressure",
d: "Effusion",
correct: "a",
}
];
const quiz = document.getElementById('quiz')
const answerEls = document.querySelectorAll('.answer')
const questionEl = document.getElementById('question')
const a_text = document.getElementById('a_text')
const b_text = document.getElementById('b_text')
const c_text = document.getElementById('c_text')
const d_text = document.getElementById('d_text')
const submitBtn = document.getElementById('submit')

let currentQuiz = 0
let score = 0

loadQuiz()

function loadQuiz() {
    deselectAnswers()

    const currentQuizData = quizData[currentQuiz]

    questionEl.innerText = currentQuizData.question
    a_text.innerText = currentQuizData.a
    b_text.innerText = currentQuizData.b
    c_text.innerText = currentQuizData.c
    d_text.innerText = currentQuizData.d
}

function deselectAnswers() {
    answerEls.forEach(answerEl => answerEl.checked = false)
}

function getSelected() {
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

```
let answer

answerEls.forEach(answerEl => {
    if(answerEl.checked) {
        answer = answerEl.id
    }
})

return answer
}

submitBtn.addEventListener('click', () => {
    const answer = getSelected()

    if(answer) {
        if(answer === quizData[currentQuiz].correct) {
            score++
        }
    }

    currentQuiz++

    if(currentQuiz < quizData.length) {
        loadQuiz()
    } else {
        quiz.innerHTML =
            `<h2>You answered ${score}/${quizData.length} questions correctly</h2>
            <button onclick="location.reload()">Reload</button>
            `
    }
})
})
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

What is chemical formula for water?

- H₂O
- H₂O₂
- H₄O₂
- H₂O₆

Submit

The symbol Ag stands for which element?

- Gallium
- Magnesium
- Gold
- Silver

Submit

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

A mole contains Avogadro's number of items. What is Avogadro's number?

- 6023
- 6.023×10^{23}
- 6.02×10^{-23}
- 3×10^8

Submit

What do you call an atom that has more protons than electrons?

- Molecule
- Isotope
- Anion
- Cation

Submit

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

A drop of food coloring spreading out in a cup of water is an example of which transport process?

- Diffusion
- Osmosis
- Vapor Pressure
- Effusion

Submit

You answered 3/5 questions correctly

Reload

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

GK PAGES CODE:

```
<!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="style.css" />
<title>Quiz App</title>
</head>
<body>
<div class="quiz-container" id="quiz">
<div class="quiz-header">
<h2 id="question">Question text</h2>
<ul>
<li>
<input type="radio" name="answer" id="a" class="answer">
<label for="a" id="a_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="b" class="answer">
<label for="b" id="b_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="c" class="answer">
<label for="c" id="c_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="d" class="answer">
<label for="d" id="d_text">Question</label>
</li>
</ul>
</div>
<button id="submit">Submit</button>
</div>
<script src="gk.js"></script>
</body>
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

</html>

GK JS CODE:

```
const quizData = [
    {
        question: "FFC stands for",
        a: "Foreign Finance Corporation",
        b: "Film Finance Corporation",
        c: "Federation of Football Council",
        d: "None of the above",
        correct: "b",
    },
    {
        question: "Galileo was an Italian astronomer who ...",
        a: "developed the telescope",
        b: "discovered four satellites of Jupiter",
        c: "discovered that the movement of pendulum produces a regular time measurement",
        d: "All of the above",
        correct: "d",
    },
    {
        question: "Golf player Vijay Singh belongs to which country?",
        a: "USA",
        b: "Fiji",
        c: "India",
        d: "UK",
        correct: "b",
    },
    {
        question: "Fire temple is the place of worship of which of the following religion?",
        a: "Taoism",
        b: "Judaism",
        c: "Parsi Religion",
        d: "Shintoism",
        correct: "c",
    },
    {
        question: "Film and TV institute of India is located at",
        a: "Pune (Maharashtra)",
    },
]
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

```
b: "Rajkot (Gujarat)",  
c: "Pimpri (Maharashtra)",  
d: "Perambur (Tamilnadu)",  
correct: "a",  
}  
];  
  
const quiz = document.getElementById('quiz')  
const answerEls = document.querySelectorAll('.answer')  
const questionEl = document.getElementById('question')  
const a_text = document.getElementById('a_text')  
const b_text = document.getElementById('b_text')  
const c_text = document.getElementById('c_text')  
const d_text = document.getElementById('d_text')  
const submitBtn = document.getElementById('submit')  
  
let currentQuiz = 0  
let score = 0  
  
loadQuiz()  
  
function loadQuiz() {  
    deselectAnswers()  
  
    const currentQuizData = quizData[currentQuiz]  
  
    questionEl.innerText = currentQuizData.question  
    a_text.innerText = currentQuizData.a  
    b_text.innerText = currentQuizData.b  
    c_text.innerText = currentQuizData.c  
    d_text.innerText = currentQuizData.d  
}  
  
function deselectAnswers() {  
    answerEls.forEach(answerEl => answerEl.checked = false)  
}  
  
function getSelected() {  
    let answer
```

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

```
answerEls.forEach(answerEl => {
    if(answerEl.checked) {
        answer = answerEl.id
    }
})

return answer
}

submitBtn.addEventListener('click', () => {
    const answer = getSelected()

    if(answer) {
        if(answer === quizData[currentQuiz].correct) {
            score++
        }
    }

    currentQuiz++

    if(currentQuiz < quizData.length) {
        loadQuiz()
    } else {
        quiz.innerHTML =
            `<h2>You answered ${score}/${quizData.length} questions correctly</h2>
            <button onclick="location.reload()">Reload</button>
            `
    }
})
})
```

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

FFC stands for

- Foreign Finance Corporation
- Film Finance Corporation
- Federation of Football Council
- None of the above

Submit

**Galileo was an Italian astronomer
who ...**

- developed the telescope
- discovered four satellites of Jupiter
- discovered that the movement of pendulum produces a regular time measurement
- All of the above

Submit

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

**Golf player Vijay Singh belongs to
which country?**

- USA
- Fiji
- India
- UK

Submit

**Fire temple is the place of worship of
which of the following religion?**

- Taoism
- Judaism
- Parsi Religion
- Shintoism

Submit

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

Film and TV institute of India is located at

- Pune (Maharashtra)
- Rajkot (Gujarat)
- Pimpri (Maharashtra)
- Perambur (Tamilnadu)

Submit

You answered 4/5 questions correctly

Reload

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

LOGICAL APTITUDE PAGES CODE:

```
<!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="style.css" />
<title>Quiz App</title>
</head>
<body>
<div class="quiz-container" id="quiz">
<div class="quiz-header">
<h2 id="question">Question text</h2>
<ul>
<li>
<input type="radio" name="answer" id="a" class="answer">
<label for="a" id="a_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="b" class="answer">
<label for="b" id="b_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="c" class="answer">
<label for="c" id="c_text">Question</label>
</li>
<li>
<input type="radio" name="answer" id="d" class="answer">
<label for="d" id="d_text">Question</label>
</li>
</ul>
</div>
<button id="submit">Submit</button>
</div>
<script src="la.js"></script>
</body>
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

</html>

LOGICAL APTITUDE JS CODE:

```
const quizData = [
  {
    question: "Look at this series: 22, 21, 23, 22, 24, 23, ... What number should come next?",  

    a: "22",  

    b: "24",  

    c: "25",  

    d: "26",  

    correct: "c",
  },
  {
    question: "FAG, GAF, HAI, IAH, ____",  

    a: "JAK",  

    b: "HAL",  

    c: "HAK",  

    d: "JAI",  

    correct: "a",
  },
  {
    question: "An Informal Gathering occurs when a group of people get together in a casual,  

    relaxed manner. Which situation below is the best example of an Informal Gathering?",  

    a: "The book club meets on the first Thursday evening of every month.",  

    b: "After finding out about his promotion, Jeremy and a few coworkers decide to go out for  

      a quick drink after work.",  

    c: "Mary sends out 25 invitations for the bridal shower she is giving for her sister",  

    d: "Whenever she eats at the Mexican restaurant, Clara seems to run into Peter",
    correct: "b",
  },
  {
    question: "Melt : Liquid :: Freeze : ",  

    a: "Ice",  

    b: "Solid",  

    c: "Condense",  

    d: "Push",  

    correct: "b",
  },
]
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

```
{  
    question: "'He is the son of the only son of my grandfather,' Lauren says, pointing to a  
photograph. How is the man in the related to Lauren?",
```

- a: "The man is the father of Lauren",
 - b: "The man is the grandfather of Lauren",
 - c: "The man is the son of Lauren",
 - d: " The man is the brother of Lauren",
- correct: "d",

```
}  
];
```

```
const quiz = document.getElementById('quiz')  
const answerEls = document.querySelectorAll('.answer')  
const questionEl = document.getElementById('question')  
const a_text = document.getElementById('a_text')  
const b_text = document.getElementById('b_text')  
const c_text = document.getElementById('c_text')  
const d_text = document.getElementById('d_text')  
const submitBtn = document.getElementById('submit')
```

```
let currentQuiz = 0  
let score = 0
```

```
loadQuiz()
```

```
function loadQuiz() {  
    deselectAnswers()  
  
    const currentQuizData = quizData[currentQuiz]  
  
    questionEl.innerText = currentQuizData.question  
    a_text.innerText = currentQuizData.a  
    b_text.innerText = currentQuizData.b  
    c_text.innerText = currentQuizData.c  
    d_text.innerText = currentQuizData.d  
}
```

```
function deselectAnswers() {  
    answerEls.forEach(answerEl => answerEl.checked = false)
```

NAME : ALICE DURGE
ROLL NO :5840
CLASS : SYCS A

}

```
function getSelected() {
    let answer

    answerEls.forEach(answerEl => {
        if(answerEl.checked) {
            answer = answerEl.id
        }
    })
}

return answer
}

submitBtn.addEventListener('click', () => {
    const answer = getSelected()

    if(answer) {
        if(answer === quizData[currentQuiz].correct) {
            score++
        }
    }

    currentQuiz++

    if(currentQuiz < quizData.length) {
        loadQuiz()
    } else {
        quiz.innerHTML =
            `<h2>You answered ${score}/${quizData.length} questions correctly</h2>
            <button onclick="location.reload()">Reload</button>
            `
    }
})
})
```

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

Look at this series: 22, 21, 23, 22, 24,
23, ... What number should come
next?

- 22
- 24
- 25
- 26

Submit

FAG, GAF, HAI, IAH, ____

- JAK
- HAL
- HAK
- JAI

Submit

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

An Informal Gathering occurs when a group of people get together in a casual, relaxed manner. Which situation below is the best example of an Informal Gathering?

- The book club meets on the first Thursday evening of every month.
- After finding out about his promotion, Jeremy and a few coworkers decide to go out for a quick drink after work.
- Mary sends out 25 invitations for the bridal shower she is giving for her sister
- Whenever she eats at the Mexican restaurant, Clara seems to run into Peter

Submit

Melt : Liquid :: Freeze :

- Ice
- Solid
- Condense
- Push

Submit

NAME : ALICE DURGE

ROLL NO :5840

CLASS : SYCS A

'He is the son of the only son of my grandfather,' Lauren says, pointing to a photograph. How is the man in the related to Lauren?

- The man is the father of Lauren
- The man is the grandfather of Lauren
- The man is the son of Lauren
- The man is the brother of Lauren

Submit

You answered 3/5 questions correctly

Reload