

CS486 Web Application development project

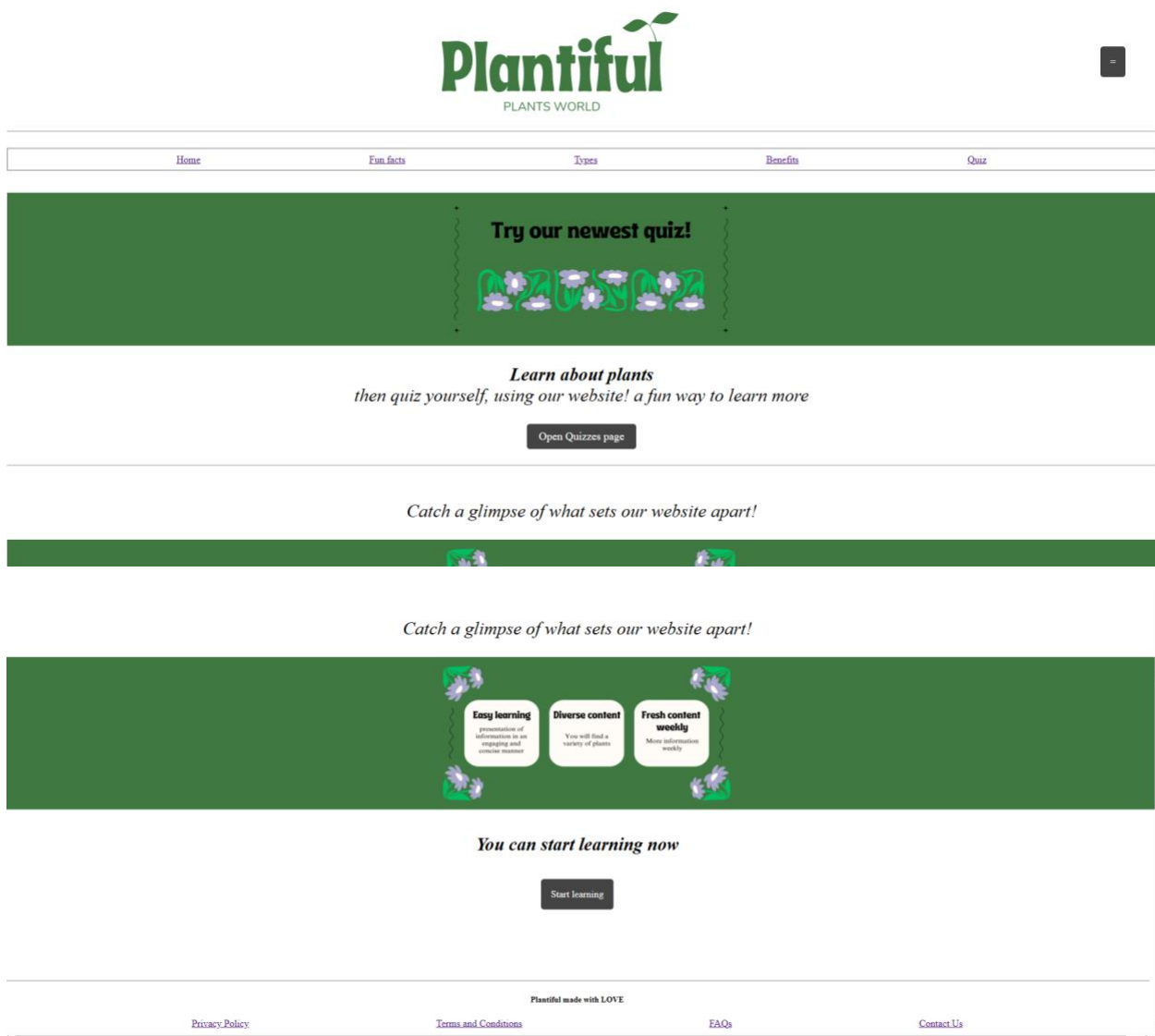
Plantiful

Section:6C4

Student Name:	ID
Mjd Alamri	443007585

Web pages:

Homepage:



## Fun facts:



### Fun Facts



The date palm, native to Saudi Arabia, is one of the oldest cultivated plants, with records dating back thousands of years.



The Welwitschia mirabilis, found in the Namib Desert, can live for over 1,000 years.



The Joshua tree, native to the southwestern United States, has a unique shape resembling an outstretched hand.



Some plants, like the resurrection fern, can survive extreme dehydration and revive once rehydrated.



The Arabian desert rose (Adenium obesum) produces beautiful pink flowers and is commonly found in Saudi Arabia.

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## The code for the download button:

```
<?php
```

```
$file_path = 'C:\\xampp\\htdocs\\Project2\\Funfacts.pdf';
```

```
if (file_exists($file_path)) {
```

```
    header('Content-Type: application/pdf');
```

```
    header('Content-Disposition: attachment; filename="' . basename($file_path) . '");
```

```



header('Content-Length: ' . filesize($file_path));

readfile($file_path);

exit;
} else {
    echo 'File not found.';
}
?>


```

## Plants Types:

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### Plants Types




**Trees**

Trees are tall, woody plants characterized by a single main stem or trunk with branches extending from it. They play vital roles in ecosystems by providing oxygen, shade, habitat, and resources for animals and humans.

**Examples:**

- Oak (*Quercus*)
- Maple (*Acer*)
- Pine (*Pinus*)

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**Palms**

Palms are tropical or subtropical plants characterized by a single, unbranched trunk topped with a crown of large, compound leaves. They are economically important for their fruits (e.g., coconuts, dates) and palm oil, as well as for landscaping and ornamental purposes.

**Examples:**

- Coconut Palm (*Cocos nucifera*)
- Date Palm (*Phoenix dactylifera*)
- Areca Palm (*Dyypsis lutescens*)

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**Fungi**

Fungi are a diverse group of organisms that include mushrooms, molds, and yeasts. They obtain nutrients by decomposing organic matter or forming symbiotic relationships with other organisms. Fungi play critical roles in nutrient cycling and ecosystem functioning.

**Examples:**

- Mushrooms (*Agaricus*)
- Morels (*Morchella*)
- Truffles (*Tuber*)

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The code for the download button:


```
<?php
$file_path = 'C:\xampp\htdocs\Project2\Types.pdf';
if (file_exists($file_path)) {
    header('Content-Type: application/pdf');
    header('Content-Disposition: attachment; filename="' . basename($file_path) . '"');
    header('Content-Length: ' . filesize($file_path));
    readfile($file_path);
    exit;
} else {
    echo 'File not found.'; }?>
```

Plants Benefits:




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### Plants Benefits




#### Oxygen Production

Plants release oxygen as a byproduct of photosynthesis, which is essential for human and animal respiration.




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#### Economic Value

Plants contribute to the economy through industries such as agriculture, forestry, horticulture, and pharmaceuticals, generating income and employment.

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#### Aesthetic Enhancement

Plants are used for landscaping and beautification purposes, enhancing the visual appeal of outdoor and indoor spaces.

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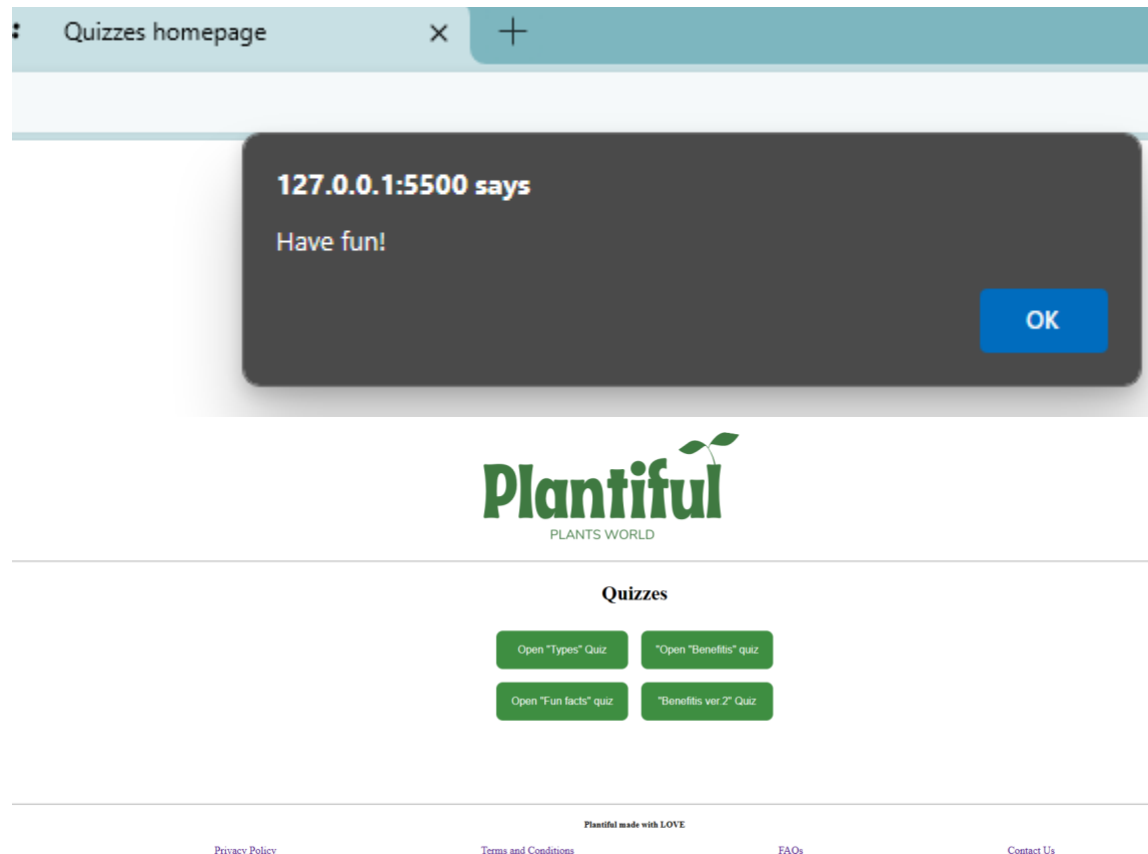
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The code for the download button:

```
<?php
$file_path = 'C:\\xampp\\htdocs\\Project2\\Benefits of Plants.pdf';
if (file_exists($file_path)) {
    header('Content-Type: application/pdf');
    header('Content-Disposition: attachment; filename="' . basename($file_path) . '"');
    header('Content-Length: ' . filesize($file_path));
    readfile($file_path);
    exit;
} else {
    echo 'File not found.'; }?>
```

Plants Quiz:



## Types quiz

### Question 1:

Which type of plant is characterized by a single main stem or trunk with branches extending from it?

- ☐ Tree
- ☒ Shrub
- ☐ Grass

### Question 2:

What type of plant is shorter than trees and often used for landscaping, providing structure and color to gardens?

- ☐ Shrub
- ☒ Vine
- ☐ Fern

### Question 3:

Which type of plant is commonly found in open habitats such as grasslands and lawns?

- ☒ Cactus
- ☐ Grass
- ☐ Palm

### Question 4:

What type of plant has long, flexible stems that climb or trail along the ground or other structures for support?

- ☐ Vine
- ☒ Herb
- ☐ Succulent

Submit Answers

Your score is 0 out of 4. Results have been saved.

The code for the submit and database:

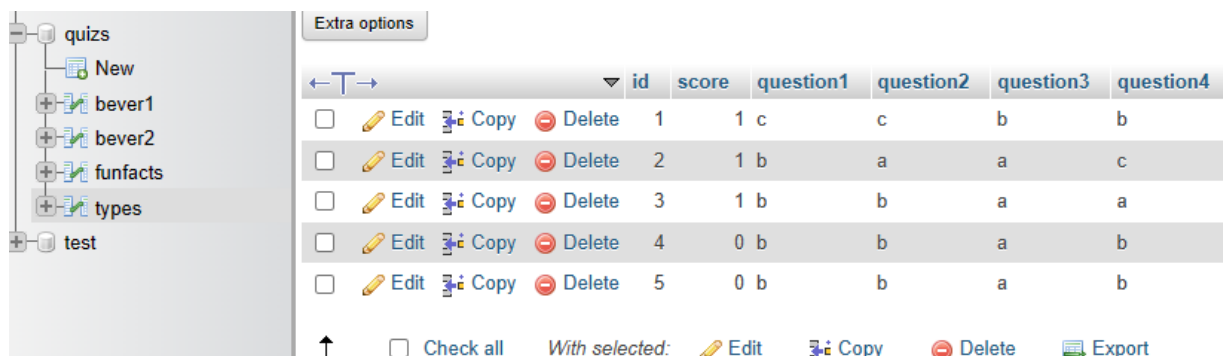
```
<?php
$correct_answers = [
    'question1' => 'a',
    'question2' => 'a',
    'question3' => 'b',
    'question4' => 'a' ];
$user_answers = [
    'question1' => $_POST['question1'] ?? null,
    'question2' => $_POST['question2'] ?? null,
    'question3' => $_POST['question3'] ?? null,
    'question4' => $_POST['question4'] ?? null;
$score = 0;
```

```

foreach ($user_answers as $question => $answer) {
    if ($answer === $correct_answers[$question]) {
        $score++;}}
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "quizzes";
$conn = new mysqli($servername, $username, $password, $dbname);
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);}
$sql = "INSERT INTO types (score, question1, question2, question3, question4)
VALUES ('$score', '{$user_answers['question1']}', '{$user_answers['question2']}',
 '{$user_answers['question3']}', '{$user_answers['question4']}')";
if ($conn->query($sql) === TRUE) {
    echo "Your score is $score out of 4. Results have been saved.";
} else {
    echo "Error: " . $sql . "<br>" . $conn->error;}
$conn->close();
?>

```

Example of the database for one of the quizzes:



	id	score	question1	question2	question3	question4
<input type="checkbox"/> Edit Copy Delete	1	1	c	c	b	b
<input type="checkbox"/> Edit Copy Delete	2	1	b	a	a	c
<input type="checkbox"/> Edit Copy Delete	3	1	b	b	a	a
<input type="checkbox"/> Edit Copy Delete	4	0	b	b	a	b
<input type="checkbox"/> Edit Copy Delete	5	0	b	b	a	b

Check all With selected: Edit Copy Delete Export