<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Text Editor</title>

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

</head>

<body>

<div id="text-editor">

<input type="text" id="input-text" placeholder="Enter Text Here" style="width: 25%; padding: 5px;">

<div id="controls">

<button id="bold-button">Bold</button>

<button id="italic-button">Italic</button>

<select id="font-family-select">

<option value="Arial">Arial</option>

<option value="Verdana">Verdana</option>

<option value="Times New Roman">Times New Roman</option>

<option value="Courier New">Courier New</option>

</select>

<button id="font-increase-button">Increase Font</button>

<button id="font-decrease-button">Decrease Font</button>

<input type="color" id="bg-color-picker">

</div>

<br><div id="output"></div>

</div>

<script>

$(document).ready(function() {

$('#bold-button').click(function() {

$('#output').css('font-weight', 'bold');

updateOutput();

});

$('#italic-button').click(function() {

$('#output').css('font-style', 'italic');

updateOutput();

});

$('#font-family-select').change(function() {

var fontFamily = $(this).val();

$('#output').css('font-family', fontFamily);

updateOutput();

});

$('#font-increase-button').click(function() {

var currentSize = parseInt($('#output').css('font-size'));

$('#output').css('font-size', (currentSize + 2) + 'px');

updateOutput();

});

$('#font-decrease-button').click(function() {

var currentSize = parseInt($('#output').css('font-size'));

$('#output').css('font-size', (currentSize - 2) + 'px');

updateOutput();

});

$('#bg-color-picker').change(function() {

var bgColor = $(this).val();

$('body').css('background-color', bgColor);

});

function updateOutput() {

var inputText = $('#input-text').val();

$('#output').text(inputText);

}

});

</script>

</body>

</html>