Кислый Илья 107а1

\\1

import React from 'react';

import ReactDOM from 'react-dom';

class Square extends React.Component {

render() {

const { n } = this.props;

const square = n \* n;

return (

<div>

{square}

</div>

);

}

}

ReactDOM.render(

<Square n={3} />,

document.getElementById('root')

);

\\2

import React from 'react';

import ReactDOM from 'react-dom';

class OnlyEven extends React.Component {

render() {

const { arr } = this.props;

const evenNumbers = arr.filter(num => num % 2 === 0);

const result = evenNumbers.join(', ');

return (

<div>

{result}

</div>

);

}

}

ReactDOM.render(

<OnlyEven arr={[14, 5, 6, 12, 21, 2]} />,

document.getElementById('root')

);

\\3

import React from 'react';

import ReactDOM from 'react-dom';

class Temperature extends React.Component {

render() {

const { t } = this.props;

const temperatureStyle = {

color: t < 0 ? 'blue' : 'red'

};

return (

<div style={temperatureStyle}>

{t}

</div>

);

}

}

ReactDOM.render(

<Temperature t={451} />,

document.getElementById('root')

);

\\4

import React, { useState } from 'react';

import ReactDOM from 'react-dom';

function ColorChangingButton() {

const [isGreen, setIsGreen] = useState(false);

const handleClick = () => {

setIsGreen(!isGreen);

};

const buttonStyle = {

backgroundColor: isGreen ? 'green' : 'red',

color: 'white',

padding: '10px 20px',

border: 'none',

cursor: 'pointer'

};

return (

<div>

<button style={buttonStyle} onClick={handleClick}>

{isGreen ? 'Make Red' : 'Make Green'}

</button>

</div>

);

}

ReactDOM.render(

<ColorChangingButton />,

document.getElementById('root')

);

