

Sprawozdanie

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Linka do repozytorium na GitHub https://github.com/Wojtas059/lab8_WMaj

Pliki jakie uzem sa z ostatnich labolatoriow Ale musialem poddac obrobce pliki z App.js, ktory odpowiedzialny jest za to co strona bedzie uwidaczniać. Zgodnie z poleceniem ma wyswietlac aplikacje, ktorej zadaniem bedzie wyświetenie wyliczonej na podstawie podajen wartosci k dany element ciągu Fibonacciego.

```
import logo from './logo.svg';
import './App.css';
import React, {useState} from 'react';

function App() {
  const [number, setttitle] = useState('');
  const [val, setval] = useState('');
  function oblicz(){

    if (number > 2){
      var wynik=0;
      var n_2 = 1;
      var n_1 =1;
      for(var i=0;i<number-2;i++){
        wynik=n_1+n_2;
        n_2=n_1;
        n_1=wynik;
      }
      setval(wynik);
    }
    else if( number > 0 && number < 3)
    {
      setval(1);
    }
    else if (number < 1){
      setval("Podales zla liczbe");
    }
  }

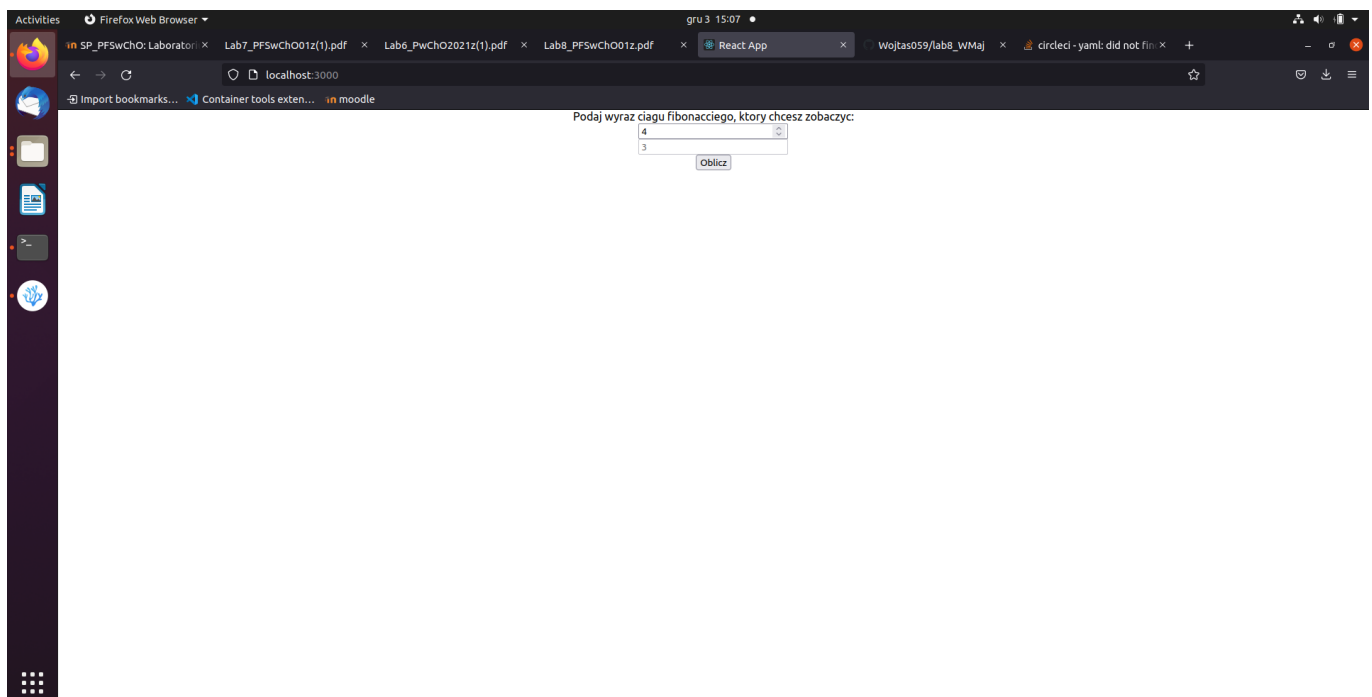
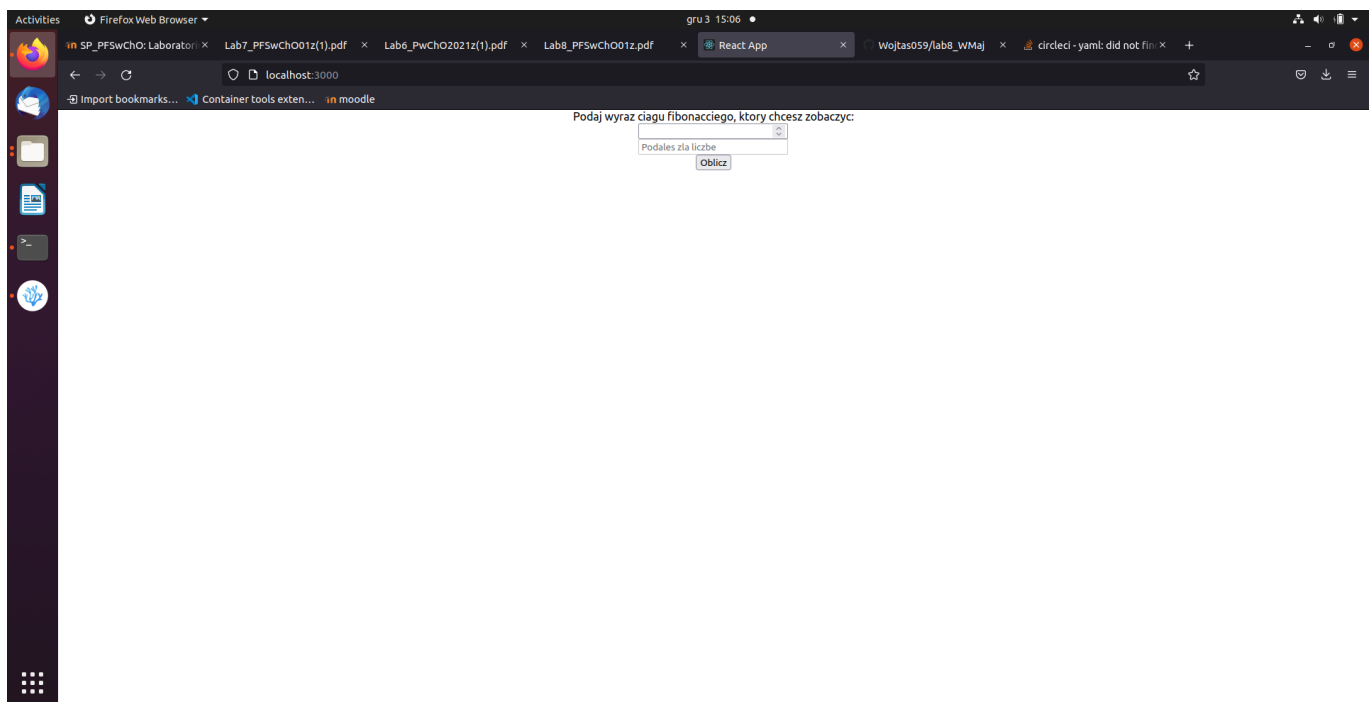
  return (
    <div className="App">
      <header >
        <title>Calc Fibonacciego</title>
        Podaj wyraz ciagu fibonacciego, ktory chcesz zobaczyc:<br/>
        <input type="number" min="1" name="a" id="a" onChange={event =>
setttitle(event.target.value)}/><br/>
        <input type="text" disabled={true} value={val}/><br/>
      </header >
    </div>
  )
}
```

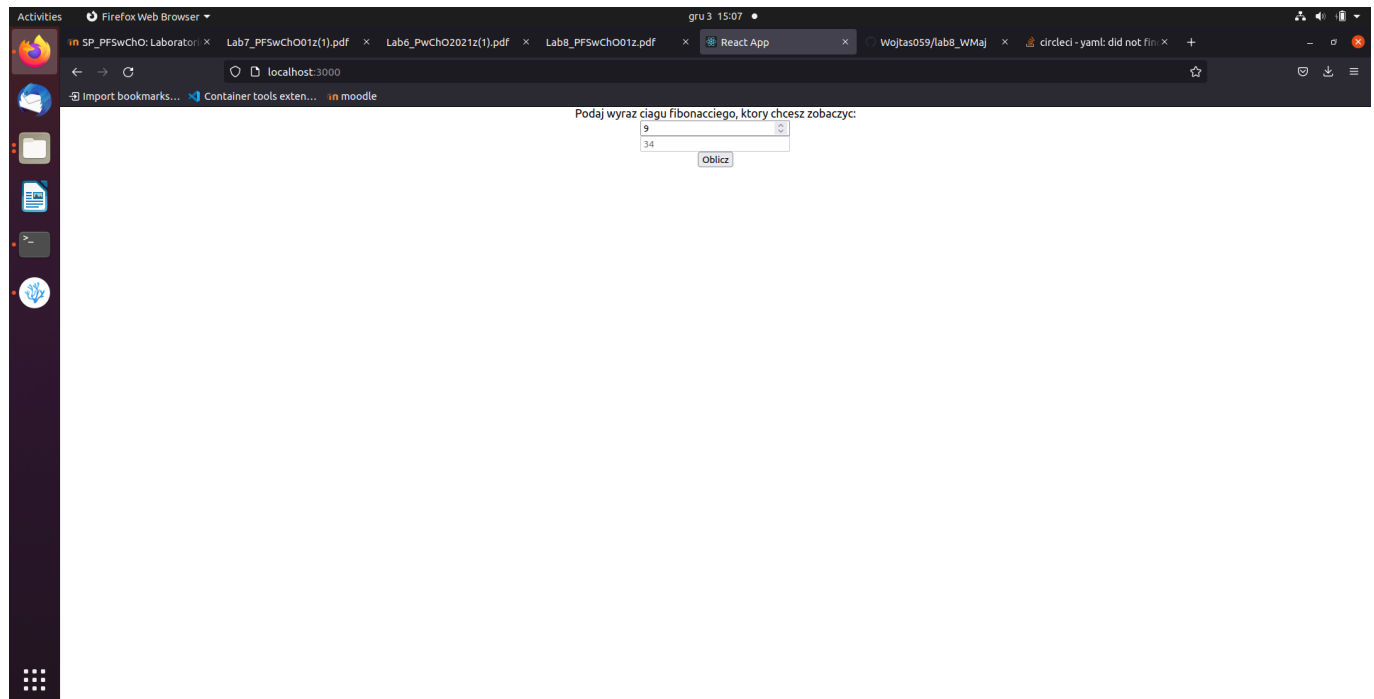
```
        <button onClick={oblicz}>Oblicz</button>
      </header>
    </div>

  );

}

export default App;
```

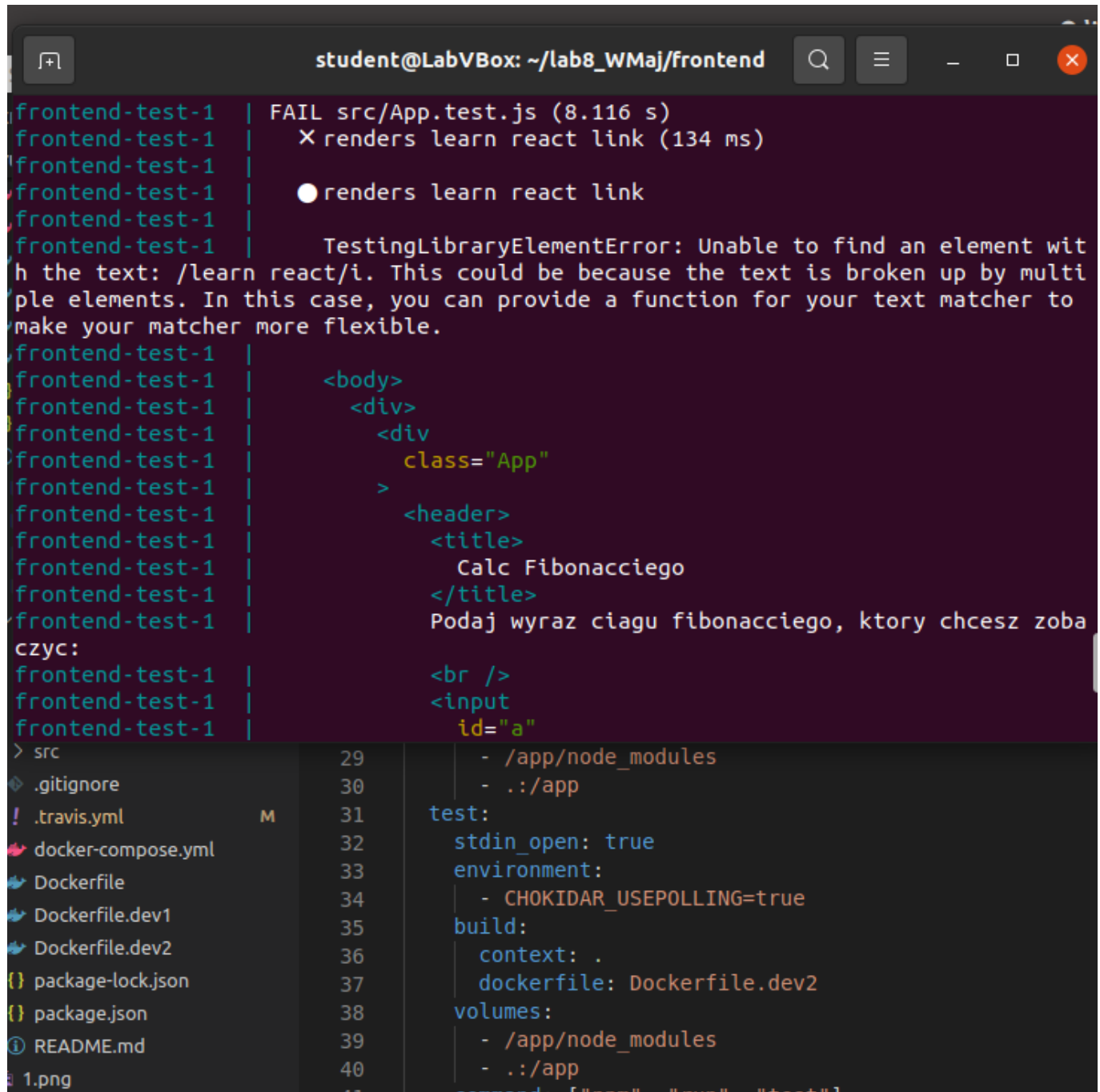




Aplikacja jak widac dziala i podej poprawne wyniki

Uruchomnienie aplikacji za pomoca komendy "docker compose up --build"

Następnie uruchomiłem aplikację z pomocą docker-compose2.yml tak aby przeszła aplikacja testy.



```

student@LabVBox: ~/lab8_WMaj/frontend
frontend-test-1 | FAIL src/App.test.js (8.116 s)
frontend-test-1 |   ✕ renders learn react link (134 ms)
frontend-test-1 |
frontend-test-1 |   ● renders learn react link
frontend-test-1 |
frontend-test-1 |     TestingLibraryElementError: Unable to find an element with the text: /learn react/. This could be because the text is broken up by multiple elements. In this case, you can provide a function for your text matcher to make your matcher more flexible.
frontend-test-1 |
frontend-test-1 |       <body>
frontend-test-1 |         <div>
frontend-test-1 |           <div
frontend-test-1 |             class="App"
frontend-test-1 |           >
frontend-test-1 |             <header>
frontend-test-1 |               <title>
frontend-test-1 |                 Calc Fibonacciego
frontend-test-1 |               </title>
frontend-test-1 |               Podaj wyraz ciagu fibonacciego, który chcesz zobaczyć:
frontend-test-1 |             <br />
frontend-test-1 |             <input
frontend-test-1 |               id="a"
> src
29
.gitignore
30
.travis.yml
31
docker-compose.yml
32
Dockerfile
33
Dockerfile.dev1
34
Dockerfile.dev2
35
package-lock.json
36
package.json
37
README.md
38
1.png
39
40
41

```

Dla pliku docker-compose.yml i Dockerfile aplikacja uruchamia się na porcie 80 bez żadnych problemów.

```
Activities Terminal gru 3 15:40 student@LabVBox: ~/lab8_WMaj/frontend

ed835de16acd: Pull complete
881ff011f1c9: Pull complete
77700c52c969: Pull complete
44be9ec0fab5: Pull complete
Digest: sha256:9522864d661dcadfd9958f9e0de192a1fdda2c162a3568ab6ac42b465f0603
Status: Downloaded newer image for nginx:latest
----> f652ca386ed1
Step 9/10 : EXPOSE 80
----> Running in 7adeac16969c
----> 1b99724d8a78
Step 10/10 : COPY --from=0 /app/build /usr/share/nginx/html
----> 22403dc6e3b4
Successfully built 22403dc6e3b4
Successfully tagged frontend_web:latest

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
WARN[0276] Found orphan containers ([frontend-test-1]) for this project. If you removed or renamed this service in your compose file, you can run this command with the --remove-orphans flag to clean it u
p.
[+] Running 1/1
    container frontend-web-1 Recreated 0.1s
Attaching to frontend-web-1
frontend-web-1 | /docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
frontend-web-1 | /docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
frontend-web-1 | /docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
frontend-web-1 | 10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
frontend-web-1 | 10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
frontend-web-1 | /docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
frontend-web-1 | /docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
frontend-web-1 | /docker-entrypoint.sh: Configuration complete; ready for start up
frontend-web-1 | 2021/12/03 14:37:11 [notice] 1#1: using the "epoll" event method
frontend-web-1 | 2021/12/03 14:37:11 [notice] 1#1: nginx/1.21.4
frontend-web-1 | 2021/12/03 14:37:11 [notice] 1#1: built by gcc 10.2.1 20210110 (Debian 10.2.1-6)
frontend-web-1 | 2021/12/03 14:37:11 [notice] 1#1: OS: Linux 5.11.0-48-generic
frontend-web-1 | 2021/12/03 14:37:11 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
frontend-web-1 | 2021/12/03 14:37:11 [notice] 1#1: start worker processes
frontend-web-1 | 2021/12/03 14:37:11 [notice] 1#1: start worker process 33
frontend-web-1 | 172.18.0.1 - - [03/Dec/2021:14:39:17 +0000] "GET / HTTP/1.1" 200 3018 "-" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:94.0) Gecko/20100101 Firefox/94.0" "-"
frontend-web-1 | 172.18.0.1 - - [03/Dec/2021:14:39:17 +0000] "GET /static/css/main.8c8b27cf.chunk.css HTTP/1.1" 200 804 "http://localhost/" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:94.0) Gecko/20100101 Firefox/94.0" "-"
frontend-web-1 | 172.18.0.1 - - [03/Dec/2021:14:39:17 +0000] "GET /static/js/2.63e75315.chunk.js HTTP/1.1" 200 132101 "http://localhost/" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:94.0) Gecko/20100101 Firefox/94.0" "-"
frontend-web-1 | 172.18.0.1 - - [03/Dec/2021:14:39:17 +0000] "GET /static/js/main.800c9d16.chunk.js HTTP/1.1" 200 1317 "http://localhost/" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:94.0) Gecko/20100101 Firefox/94.0" "-"
frontend-web-1 | 172.18.0.1 - - [03/Dec/2021:14:39:17 +0000] "GET /logo192.png HTTP/1.1" 200 5347 "http://localhost/" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:94.0) Gecko/20100101 Firefox/94.0" "-"
frontend-web-1 | 172.18.0.1 - - [03/Dec/2021:14:39:17 +0000] "GET /favicon.ico HTTP/1.1" 200 3870 "http://localhost/" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:94.0) Gecko/20100101 Firefox/94.0" "-"
^CGracefully stopping... (press Ctrl+C again to force)
[+] Running 1/1
    container frontend-web-1 Stopped 0.3s
canceled
student@LabVBox:~/lab8_WMaj/frontend$
```