Nwd.tsx

```tsx
import { FormEvent, useState } from 'react';
import './Nwd.css';

type Props = {
  width: number;
  height: number;
};
function nwdIter(a: number, b: number): number {
  while (b != 0) {
    let temp = a % b;
    a = b;
    b = temp;
  }
  return a;
}
const Nwd = ({ width, height }: Props) => {
  const [a, setA] = useState<number>(0);
  const [b, setB] = useState<number>(0);
  const [result, setResult] = useState<string>('Tu będzie wynik');
  function handleSubmit(e: FormEvent<HTMLFormElement>): void {
    e.preventDefault();
    if (isNaN(a) || isNaN(b)) return setResult('Podaj liczby całkowite');
    setResult(`NWD(${a}, ${b}) = ${nwdIter(a, b)}`);
  }

  return (
    <section
      className="nwd-section"
      style={{
        width: width + 'px',
        height: height + 'px',
      }}
    >
      <h3>Obliczanie NWD</h3>
      <form onSubmit={(e) => handleSubmit(e)}>
        <div className="row m-3">
          <label className="col-3 text-end" htmlFor="a">
            a ={' '}
          </label>
          <input
            value={a}
            onChange={(e) => {
              if (isNaN(parseInt(e.target.value))) {
                setA(0);
              } else {
              }
              setA(parseInt(e.target.value));
            }}
```

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              type="number"
              id="a"
              className="col-6"
              min={0}
            />
            {a}
          </div>
          <div className="row m-3">
            <label className="col-3 text-end" htmlFor="b">
              b ={' '}
            </label>
            <input
              value={b}
              onChange={(e) => {
                if (isNaN(parseInt(e.target.value))) {
                  setB(0);
                } else {
                }
                setB(parseInt(e.target.value));
              }}
              type="number"
              id="b"
              className="col-6"
              min={0}
            />
            {b}
          </div>
          <div className="row m-3">
            <input
              type="submit"
              className="col-6 offset-3 btn btn-primary"
              value="Oblicz"
            />
          </div>
        </form>
        <div className="result">{result}</div>
      </section>
  );
};

export default Nwd;
```