

REACT FORM EVENTS

⊛ To get the values from the input field ⊛

⇒ using onChange → event

```
<input type="text" onChange={getUserName} />
```

```
const [userName, setUserName] = useState("")
```

```
const getUserName = (event) ⇒
```

```
  {  
    event event.target.value → it will get the  
    value from  
    the input  
  }
```

```

import React, { useState } from "react";
import "../App.css";

const FormExample = () => {

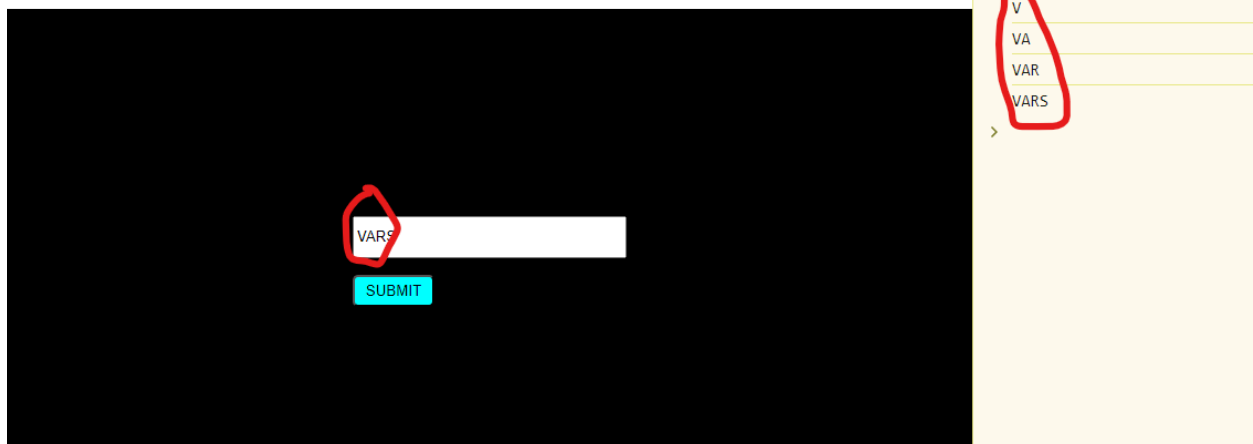
  const [userName, setUserName] = useState("");

  const getUserName = (e) => {
    console.log(e.target.value);
  };

  return (
    <section className="formSection">
      <div className="inputSection">
        <input type="text" placeholder="Enter Name" onChange={getUserName} />
        <br />
        <button className="subbutton">SUBMIT</button>
      </div>
    </section>
  );
};

```

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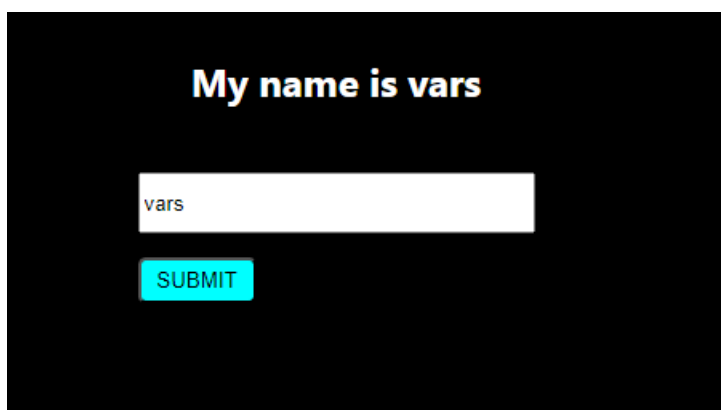
TASK – 1 WHILE WRITING NAME ONLY AUTOMATICAL CAHNGE

```
import React, { useState } from "react";
import "../App.css";

const FormExample = () => {
  const [userName, setUserName] = useState("");

  const getUserName = (e) => {
    setUserName(e.target.value);
  };

  return (
    <section className="formSection">
      <h2 className="fontcolor">My name is {userName}</h2>
      <br />
      <div className="inputSection">
        <input type="text" placeholder="Enter Name" onChange={getUserName} />
        <br />
        <button className="subbutton">SUBMIT</button>
      </div>
    </section>
  );
};
```



The screenshot shows a web application with a black background. At the top, the text "My name is vars" is displayed in white. Below this text is a white text input field containing the word "vars". At the bottom of the form is a red button with the word "SUBMIT" in white capital letters.

while writing name only it automatically getting updated

Task-2 AFTER NAME IN INPUT BOX AFTER CLICKING SUBMIT ONLY NAME IS ADDED TO MYNAME

SO WE HAVE TO ADD EVENT TO BUTTON onClick

```
import React, { useState } from "react";
import "./App.css";

const FormExample = () => {
  const [userName, setUserName] = useState("");

  const [newUserDetails, setNewUserDetails] = useState();

  const getUserNames = (e) => {
    setUserName(e.target.value);
  };

  const userDetails = () => {
    setNewUserDetails(userName);
  };

  return (
    <section className="formSection">
      <h2 className="fontcolor">My name is {newUserDetails}</h2>
      <br />
      <div className="inputSection">
        <input type="text" placeholder="Enter Name" onChange={getUserNames} />
        <br />
        <button className="subbutton" onClick={userDetails}>
          SUBMIT
        </button>
      </div>
    </section>
  );
};
```

after clicking submit only we get output

My name is hddhddh

DIFFERENCE BETWEEN INPUT AND FORM

** IN ABOVE CODE WE NOT WRITTEN CODE IN FORM TAG
IF WE WRITTEN IN THE FORM TAG OUR NAME DISPAEER
IN SEC

```
import React, { useState } from "react";
import "../App.css";

const FormExample = () => {
  const [userName, setUserName] = useState("");

  const [newUserDetails, setNewUserDetails] = useState();

  const getUserName = (e) => {
    setUserName(e.target.value);
  };

  const userDetails = () => {
    setNewUserDetails(userName);
  };

  return (
    <section className="formSection">
      <h2 className="fontcolo">My name is {newUserDetails}</h2>
      <br />
      <div className="inputSection">
        <form>
          <input type="text" placeholder="Enter Name" onChange={getUserName}>
          <br />
          <button className="subbutton" onClick={userDetails}>
            SUBMIT
          </button>
        </form>
      </div>
    </section>
  );
};
```

To overcome above issue and to visible for long we have to stop refresh so we have to add `preventDefault()`

```
const FormExample = () => {
  const [userName, setUserName] = useState("");

  const [newUserDetails, setNewUserDetails] = useState();

  const getUserName = (e) => {
    setUserName(e.target.value);
  };

  const userDetails = (e) => {
    e.preventDefault();
    setNewUserDetails(userName);
  };

  return (
    <section className="formSection">
      <h2 className="fontcolo">My name is {newUserDetails}</h2>
      <br />
      <div className="inputSection">
        <form onSubmit={userDetails}>
          <input type="text" placeholder="Enter Name" onChange={getUserName} />
          <br />
          <button className="subbutton" type="submit">
            SUBMIT
          </button>
        </form>
      </div>
    </section>
  );
}
```

To to submit data in form

onSubmit and write type="submit" in button tag

```
const FormExample = () => {
  const [userName, setUserName] = useState("");

  const [newUserDetails, setNewUserDetails] = useState();

  const getUserName = (e) => {
    setUserName(e.target.value);
  };

  const userDetails = (e) => {
    e.preventDefault();
    setNewUserDetails(userName);
  };

  return (
    <section className="formSection">
      <h2 className="fontcolo">My name is {newUserDetails}</h2>
      <br />
      <div className="inputSection">
        <form onSubmit={userDetails}>
          <input type="text" placeholder="Enter Name" onChange={getUserName} />
          <br />
          <button className="subbutton" type="submit">
            SUBMIT
          </button>
        </form>
      </div>
    </section>
  );
};
```

My name is varshith

varshith

SUBMIT