

LEVEL 1: TASK 1

```
import React, { useState } from 'react';

import { Home, Mail, User, ChevronRight } from 'lucide-react';

function App() {
  const [email, setEmail] = useState("");re

  const handleSubmit = (e: React.FormEvent) => {
    e.preventDefault();
    alert('Form submitted with email: ' + email);
    setEmail("");
  };

  return (
    <div className="min-h-screen bg-gray-50">
      { /* Navigation */ }
      <nav className="bg-white shadow-sm">
        <div className="max-w-5xl mx-auto px-4">
          <div className="flex items-center justify-between h-16">
            <div className="flex space-x-8">
              <a href="#" className="flex items-center text-gray-800 hover:text-blue-600">
                <Home className="w-5 h-5 mr-1" />
                <span>Home</span>
              </a>
              <a href="#" className="flex items-center text-gray-800 hover:text-blue-600">
                <User className="w-5 h-5 mr-1" />
                <span>About</span>
              </a>
            </div>
          </div>
        </div>
      </nav>
    </div>
  );
}
```

```

<a href="#" className="flex items-center text-gray-800 hover:text-blue-600">
  <Mail className="w-5 h-5 mr-1" />
  <span>Contact</span>
</a>
</div>
</div>
</div>
</nav>

{/* Main Content */}
<main className="max-w-5xl mx-auto px-4 py-12">
  <div className="bg-white rounded-lg shadow-md overflow-hidden">
    {/* Hero Section */}
    <div className="relative h-64">
      
      <div className="absolute inset-0 bg-gradient-to-r from-black/50 to-transparent flex items-center">
        <div className="px-8">
          <h1 className="text-4xl font-bold text-white mb-4">
            Welcome to Cognifyz Technologies...!
          </h1>
          <p className="text-white/90 text-lg max-w-xl">
            Discover amazing content and stay connected with our community.
          </p>

```

</div>

</div>

</div>

{/* Form Section */}

<div className="p-8 bg-gradient-to-b from-white to-gray-50">

<div className="max-w-md mx-auto">

<h2 className="text-2xl font-semibold text-gray-800 mb-6">

Subscribe to Cognifyz Technologies

</h2>

<form onSubmit={handleSubmit} className="space-y-4">

<div>

<label htmlFor="email" className="block text-sm font-medium text-gray-700 mb-1">

Email Address

</label>

<div className="relative">

<input

type="email"

id="email"

value={email}

onChange={(e) => setEmail(e.target.value)}

className="w-full px-4 py-2 border border-gray-300 rounded-lg focus:ring-2 focus:ring-blue-500 focus:border-transparent"

placeholder="Enter your email"

required

/>

</div>

</div>

<button

```
        type="submit"

        className="w-full bg-blue-600 text-white px-6 py-3 rounded-lg hover:bg-blue-700 transition-
colors flex items-center justify-center space-x-2"

        >

        <span>Subscribe Now</span>

        <ChevronRight className="w-4 h-4" />

    </button>

</form>

</div>

</div>

</div>

</main>

</div>

);

}

export default App;
```