LEVEL 2: TASK 1:

```
import React from 'react';

import { Camera, Code, Coffee } from 'lucide-react';


interface Card {

  title: string;

  description: string;

  image: string;

  icon: React.ReactNode;

}


const cards: Card[] = [

  {

    title: "Cognifyz Technologies",

    description: "Face challenges as opportunities, much like Cognifyz Technologies navigates innovation.",
```

image:"data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAAQABAAD/2wCEAAkGBxMSDxUPERIWEhAVGR
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```

```
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```

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//Z",

```
  icon: <Camera className="w-6 h-6" />,

 },

 {

 title: "Development",

 description: "Building robust and scalable solutions for the modern web.",

 image: "https://images.unsplash.com/photo-1498050108023-
c5249f4df085?auto=format&fit=crop&q=80&w=800",

 icon: <Code className="w-6 h-6" />,

 },
```

```jsx
  {
    title: "Android Training",
    description: "Teaches individuals how to develop applications for the Android operating system.",
    image: "https://th.bing.com/th/id/OIP.gBF2e-KxlJw399T4fidx2gHaD1?rs=1&pid=ImgDetMain",
    icon: <Coffee className="w-6 h-6" />,
  },
];

function App() {
  return (
    <div className="min-h-screen bg-gray-50 py-12 px-4 sm:px-6 lg:px-8">
      <div className="max-w-7xl mx-auto">
        <div className="text-center mb-12">
          <h1 className="text-4xl font-bold text-gray-900 mb-4">Our Services</h1>
          <p className="text-lg text-gray-600">Discover what we can do for you</p>
        </div>

        <div className="grid grid-cols-1 md:grid-cols-2 lg:grid-cols-3 gap-8">
          {cards.map((card, index) => (
            <div
              key={index}
              className="bg-white rounded-xl shadow-lg overflow-hidden transition-transform duration-300 hover:scale-105"
            >
              <div className="relative h-48">
                <img
                  src={card.image}
                  alt={card.title}
                  className="w-full h-full object-cover"
```

```jsx
              />
              <div className="absolute top-4 right-4 bg-white p-2 rounded-full shadow-md">
                {card.icon}
              </div>
            </div>

            <div className="p-6">
              <h3 className="text-xl font-semibold text-gray-900 mb-2">
                {card.title}
              </h3>
              <p className="text-gray-600">
                {card.description}
              </p>
              <button className="mt-4 inline-flex items-center px-4 py-2 border border-transparent text-sm font-medium rounded-md text-white bg-indigo-600 hover:bg-indigo-700 focus:outline-none focus:ring-2 focus:ring-offset-2 focus:ring-indigo-500 transition-colors duration-200">
                Learn More
              </button>
            </div>
          </div>
        ))}
      </div>
    </div>
  </div>
  );
}

export default App;
```