**React Labs – 7a**

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|  | **Handle input change** |
|  | const [selectedProduct, setSelectedProduct] = useState(null);  const handleSelectProduct= (product) => {  setSelectedProduct(product)  }; |

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|  | **Handle selected product** |
|  | const [selectedProduct, setSelectedProduct] = useState(null);  const handleSelectProduct= (product) => {  setSelectedProduct(product)  }; |

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|  | **Handle save product** |
|  | const handleSaveProduct = () => {  setProducts((products) => [...products, {...newProduct, id: products.length}]);  setIsAddingProduct(false);  }; |

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|  | **Handle delete product** |
|  | const handleDeleteProduct = (productId) => {  setProducts((products) => products.filter((product) => product.id !== productId));  setSelectedProduct(null);  }; |

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|  | **Handle add product** |
|  | const handleAddProduct= () => {  setIsAddingProduct(true);  }; |

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|  | **Task5: Products ToDo using Arrow Functions** |
|  | Implement CRUD operations |
|  | //ProductsToDo Main Component  const ProductToDo () => {  var products[products,setProducts] = useState([]);  const [selectedProduct, setSelectedProduct] = useState(null);  const handleSelectProduct= (product) => {  setSelectedProduct(product)  };  return (  <div >  <h1>Products To Do List</h1>  <ProductList products={products} onSelectProduct= {handleSelectProduct}}/>  <ProducDetails product={selectedProduct} />  </div>  )  } |
|  | //Display list of products  const productList = ({ products, onSelectProduct }) => {  return (  <div>  <h2>List of Product</h2>  <ol>  {products.map((product) => (  <li  key={product.id}  onClick={() => onSelectProduct(product)}  >  {product.name}  </li>  ))}  </ol>  </div>  );  }; |
|  | const productDetails = ({ product}) => {  if (!product) {  return <div>No Product selected</div>  }  return (  <div>  <h2>Product Details</h2>  <p>Id: {product.id}</p>  <p>Name: {product.name}</p>  <p>Model: {product.model}</p>  <p>Price: {product.model}</p>  </div>  );  }; |