Custom react hooks

* What are custom hooks :

-custom hooks are just regular functions.

-which can contain state ful logic.

-like other function we can use other hooks and react state to custom hook.

* To create react custom hook:
  + First create “hooks” folder to src folder.
  + The add “use-hookName.js” file to hooks folder.
  + Add function to file :

useHookName = ( ) =>{ }

coustom hooks name should always start with use.

* + Example:

Custome react hook

import { useState, useEffect } from "react";

const useCounter = () => {

  const [counter, setCounter] = useState(0);

  useEffect(() => {

    const interval = setInterval(() => {

      setCounter((prevCounter) => prevCounter + 1);

    }, 1000);

    return () => clearInterval(interval);

  }, []);

  return counter;

};

export default useCounter;

using custom hook:

import Card from './Card';

import useCounter from '../hooks/use-counter';

const ForwardCounter = () => {

  const counter = useCounter(); //useCounter return counter

  return <Card>{counter}</Card>;

};

export default ForwardCounter;

* + Custom hooks can also accept arguments as other functions/components.

import { useState, useEffect } from "react";

const useCounter = (forwords = true) => {

  const [counter, setCounter] = useState(0);

  useEffect(() => {

    const interval = setInterval(() => {

        if(forwords){

            setCounter((prevCounter) => prevCounter + 1);

        }else{

            setCounter((prevCounter) => prevCounter - 1);

        }

    }, 1000);

    return () => clearInterval(interval);

  }, [forwords]);

  return counter;

};

export default useCounter;