

Convas API

const canvas = document.querySelector("canvas");

const ctx = canvas.getContext("2d");

canvas.width = 800; Convosoli At & Convos The canvas.height = 800;

ctx.fillRect(50, 50, 100, 200);

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ctx.rect(50, 50, 100, 100);

ctx.rect(150, 150, 100, 100);

ctx.rect(250, 250, 100, 100); ctx.fill();

ctx.beginPath(); 써크랜경 시청 ctx.rect(350, 350, 100, 100);

ctx.rect(450, 450, 100, 100); ctx.fillStyle = "red";

ctx.fill();

rect2.

/ ctx.moveTo(50, 50); -)50,50 <3 21 조1조이공(시작업) u ctx.lineTo(150, 50); → |50, 50 기기 (52)

ctx.lineTo(<mark>150, 150);</mark> ctx.lineTo(50, 150); 5 ctx.lineTo(50, 50);

ctx.stroke();

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Arc
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ctx.fillRect(210 - 40, 200 - 20, 15, 100);
ctx.fillRect(350 - 40, 200 - 20, 15, 100);
ctx.fillRect(260 - 40, 200 - 20, 60, 200);

ctx.arc(250, 100, 50, 0, 2 * Math.PI);
ctx.fill();

ctx.beginPath();
ctx.fillStyle = "white";
ctx.arc(260 + 10, 80, 8, Math.PI, 2 * Math.PI);
ctx.arc(220 + 10, 80, 8, Math.PI, 2 * Math.PI);
ctx.fill();

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STALE 등 비꾸기전 항상 경3가정을 어떻게 할게 생각



Pointing Boots

const modeBtn = document.getElementById("mode-btn");

ctx.strokeStyle = event.target.value;

```
const destroyBtn = document.getElementById("destroy-btn");
const eraserBtn = document.getElementById("eraser-btn");
const colorOptions = Array.from(
document.getElementsByClassName("color-option") -> hom Collection을 배설로 만등 ( Sor Each 사용하) 위해)
const lineWidth = document.getElementById("line-width");
const canvas = document.querySelector("canvas");
const ctx = canvas.getContext("2d");
const CANVAS_HEIGHT = 800;
canvas.height = CANVAS_HEIGHT; _____ Ine Wilth Input of Mouest to 27662 28
let isFilling = false;
isPainting = true; mouse down 일대 설팅
function cancelPainting(event) {
isPainting = false; Mouse up & th &
function onMove(event) ( (anvox Hotel Phys. moved)
 if (isPainting) {
  ctx.lineTo(event.offsetX, event.offsetY);
  ctx.stroke(); → mouse down (is pointing of thue Styl) Move elentel 火、了主手のは元
 ctx.beginPath();一加记的外部将了复生地大学 智力部門部 New poth 等于
 ctx.moveTo(event.offsetX, event.offsetY);
                                  MANE Chent 의 以出野 號 (ispointing) Sake 智 明识制
function onLineWidthChange(event) {
 ctx.lineWidth = event.target.value; The - With Thruth Volue
```

```
function onColorClick(event) {
  const colorValue = event.target.dataset.color; Input off 28 5/15 (ntast 26/6/475)
  ctx.strokeStyle = colorValue;
  ctx.fillStyle = colorValue;
                          선상선택에 현재의 생산 변화게 항
function onModeClick() {
  if (isFilling) {
   isFilling = false; mode # Fill"; filling Mezett - filling mode 22 HE de 4 Pro) mode putton
   ISFILLING = true;
modeBtn.innerText = "Draw"; fraw Mode 201 - filing Mode 社 出版。
function onCanvasClick() {
   (isFilling) {
ctx.fillnect(0, 0, CANVAS_HEIGHT, CANVAS_WIDTH);  filing mode 설터 CUNIOS 클릭 시 캔버스 전체연당을
  if (isFilling) {
                                               Jill Rect
function onDestroyClick() {
  ctx.fillRect(0, 0, CANVAS_HEIGHT, CANVAS_WIDTH); ッはメギバ
  ctx.fillStyle = "white";
function onEraserClick() {
  ctx.strokeStyle = "white"; 

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  isFilling = false;
  modeBtn.innerText = "Fill"; - Sill Model 54 8002 Node buffon 3 55
canvas.addEventListener("mousedown", startPainting);
canvas.addEventListener("mouseup", cancelPainting);
canvas.addEventListener("mousemove", onMove);
canvas.addEventListener("mouseleave", cancelPainting);
canvas.addEventListener("click", onCanvasClick);
lineWidth.addEventListener("change", onLineWidthChange);
                                                                         (olor-options 2) 자식호스들에
color.addEventListener("change", onColorChange);
colorOptions.forEach((color) => color.addEventListener("click", onColorClick));
modeBtn.addEventListener("click", onModeClick);
destroyBtn.addEventListener("click", onDestroyClick);
eraserBtn.addEventListener("click", onEraserClick);
                                                                                                    Fill Destroy Eraser
```

