```
setActiveCanvas("canvas1");
setStrokeColor(rgb(0,0,0,0.5));
setFillColor(rgb(0,0,0,0.5));
var eventList =[];
function dotRadius(changeX, changeY){

  var speed = Math.abs(changeX) + Math.abs(changeY);

  var output = 1 + 5/speed;
  return output;


}

function canvasCommands(radius){
  clearCanvas();
for(var i = 0;i < eventList.length; i++){
  circle(eventList[i].offsetX, eventList[i].offsetY, radius);


}
}


onEvent("canvas1", "mousemove", function(event) {
  if(event.shiftKey == true){
          appendItem(eventList,event);
          circle(event.offsetX, event.offsetY, dotRadius(event.movementX,event.movementY));
          //console.log(event);
  }
  });

onEvent("clearCanvas", "click", function( ) {
 clearCanvas();
  eventList=[];
});
onEvent("random", "click", function( ) {
//clearCanvas();
//for(var i = 0;i < eventList.length; i++){
  //circle(eventList[i].offsetX, eventList[i].offsetY, randomNumber(1,10));
  canvasCommands(randomNumber(1,10));

 });
```

```
onEvent("orig", "click", function() {
  clearCanvas();
for(var i = 0;i < eventList.length; i++){
  circle(eventList[i].offsetX, eventList[i].offsetY, (dotRadius(eventList[i].movementX,
eventList[i].movementY))
//canvasCommands(dotRadius(eventList[i].movementX, eventList[i].movementY));
)}

});

onEvent("sprayPen", "click", function() {
  clearCanvas();
for(var i = 0;i < eventList.length; i++){
  for(var j = 0; j < 6; j++){

   circle(eventList[i].offsetX + randomNumber(-3,3), eventList[i].offsetY + randomNumber(-3,3),1
);

  }



}
 });
 onEvent("etchASketch", "click", function( ) {
clearCanvas();
  for (var i = 0; i < eventList.length-10 ; i++) {

          line(eventList[i].offsetX, eventList[i].offsetY, eventList[i+10].offsetX,
eventList[i+10].offsetY);


          }



  });
```