

## 5月28日の授業中に作成したスケッチ

```
//その1
void setup(){
  size(400,400);
}

void draw(){
//  background(255);
  fill(255);
  noStroke();
  rect(0,0,width,height);
  fill(255,10,10);
  stroke(255,10,10);
  ellipse(mouseX,mouseY,20,20);
}

//その2
void setup(){
  size(400,400);
}

void draw(){
//  background(255);
  fill(255,255,255,100); // Red,Gree,Blue,Alpha
  noStroke();
  rect(0,0,width,height);
  fill(255,10,10);
  stroke(255,10,10);
  ellipse(mouseX,mouseY,20,20);
}

//その3
size(400,400);
background(255);
noStroke();
for(int i=0;i<10;i++){
  // fill(25*i,25*i,255-25*i,100); // red,green,blue,alpha
  fill(25*i,25*i,255-25*i);
  rect(40*i,40*i,60,60);
}

//その4
size(400,400);
background(255);
noStroke();
for(int i=0;i<10;i++){
  fill(25*i,25*i,255-25*i,25*i);
  rect(40*i,40*i,60,60);
}

//その5
size(400,200);

background(255,10,10);
```

```
//background(255);  
fill(128,250,100);//fill(128,128,128,250,100);  
noStroke();  
for(int i=0;i<40;i++){  
  fill(23,203,23,255*i/40.0);  
  rect(10*i,0,10,height);  
}
```

```
//その6  
void setup(){  
  size(400,400);  
}
```

```
void draw(){  
  // background(255,255,255,10);  
  noStroke();  
  // fill(255,255,255,50);  
  fill(255,255,255,50);  
  rect(0,0,width,height);  
  fill(255,10,10);  
  ellipse(mouseX,mouseY,20,20);  
}
```

```
//その7  
float x;
```

```
void setup(){  
  size(400,400);  
  x = 0;  
}
```

```
void draw(){  
  // background(255,255,255,10);  
  noStroke();  
  // fill(255,255,255);  
  fill(255,255,255,10);  
  rect(0,0,width,height);  
  fill(255,10,10);  
  ellipse(x,height/2,20,20);  
  x += 1;  
}
```

```
//その8  
size(400,400);  
background(255);  
noStroke();  
for(int i=0;i<10;i++){  
  fill(25*i,25*i,255-25*i,50);// red,green,blue,alpha  
  // fill(25*i,25*i,255-25*i);  
  rect(40*i,40*i,60,60);  
}
```

```
//その9  
String name = "Anegasaki Nene";
```

```
String birthday = "Dec 17,1971";
println(name);
println(birthday);

//その10
PFont font;
String foo = "kait";

void setup(){
  size(400,400);
  font = loadFont("Times-Roman-96.vlw");
  textFont(font,32);
}

void draw(){
  background(255);
  fill(0);
  text("Anegasaki",mouseX,mouseY);
  text(foo,mouseX,mouseY+48);
}

//その11
PFont font;
String foo = "kait";

void setup(){
  size(400,400);
  font = loadFont("Times-Roman-96.vlw");
  textFont(font);
}

void draw(){
  background(255);
  stroke(0);
  // fill(10,10,255);
  fill(0);
  textSize(64);
  text("Anegasaki",mouseX,mouseY);
  stroke(255,10,10);
  line(0,mouseY,width,mouseY);
}

//その12
PFont font;
String foo = "kait";

void setup(){
  size(400,400);
  font = loadFont("Times-Roman-96.vlw");
  textFont(font);
}

void draw(){
  background(255);
```

```
stroke(0);  
// fill(10,10,255);  
fill(0);  
textSize(64);  
text("Anegasaki Nene",mouseX,mouseY,300,220);  
noFill();  
stroke(255,10,10);  
rect(mouseX,mouseY,300,220);  
}
```

//その13

```
PFont font;  
String foo = "kait";
```

```
void setup(){  
  size(400,400);  
  font = loadFont("Times-Roman-96.vlw");  
  textFont(font);  
}
```

```
void draw(){  
  background(255);  
  stroke(0);  
// fill(10,10,255);  
fill(0);  
textSize(64);  
//textAlign(CENTER);  
//textAlign(LEFT);  
textAlign(RIGHT);  
text("Anegasaki Nene",mouseX,mouseY,300,220);  
noFill();  
stroke(255,10,10);  
rect(mouseX,mouseY,300,220);  
}
```

//その14

```
PFont font;  
String foo = "kait";
```

```
void setup(){  
  size(400,400);  
  font = loadFont("Times-Roman-96.vlw");  
  textFont(font);  
}
```

```
void draw(){  
  background(255);  
  stroke(0);  
  fill(0);  
  textSize(64);  
  text(20190529,mouseX,mouseY);  
}
```

//その15

```
String foo = "kait" + "20190529";  
String bar = foo + foo;  
println(foo);  
println(bar);
```

//その16

```
PFont font;  
String foo = "Anegasaki";
```

```
void setup(){  
  size(400,400);  
  font = loadFont("Times-Roman-96.vlw");  
  textFont(font);  
}
```

```
void draw(){  
  background(255);  
  stroke(0);  
  fill(0);  
  textSize(32);  
  text(foo,mouseX,mouseY);  
  noFill();  
  stroke(255,10,10);  
  rect(mouseX,mouseY-textAscent(),textWidth(foo),textAscent()+textDescent());  
}
```

//その17

```
size(400,400);  
fill(255);  
ellipse(width/2,height/2,300,300);  
save("test.jpg"); // jpg  
save("test.png"); // png  
void setup(){  
  size(400,400);  
}
```

```
void draw(){  
  rect(mouseX,mouseY,20,20);  
  saveFrame("test####.png");  
}
```