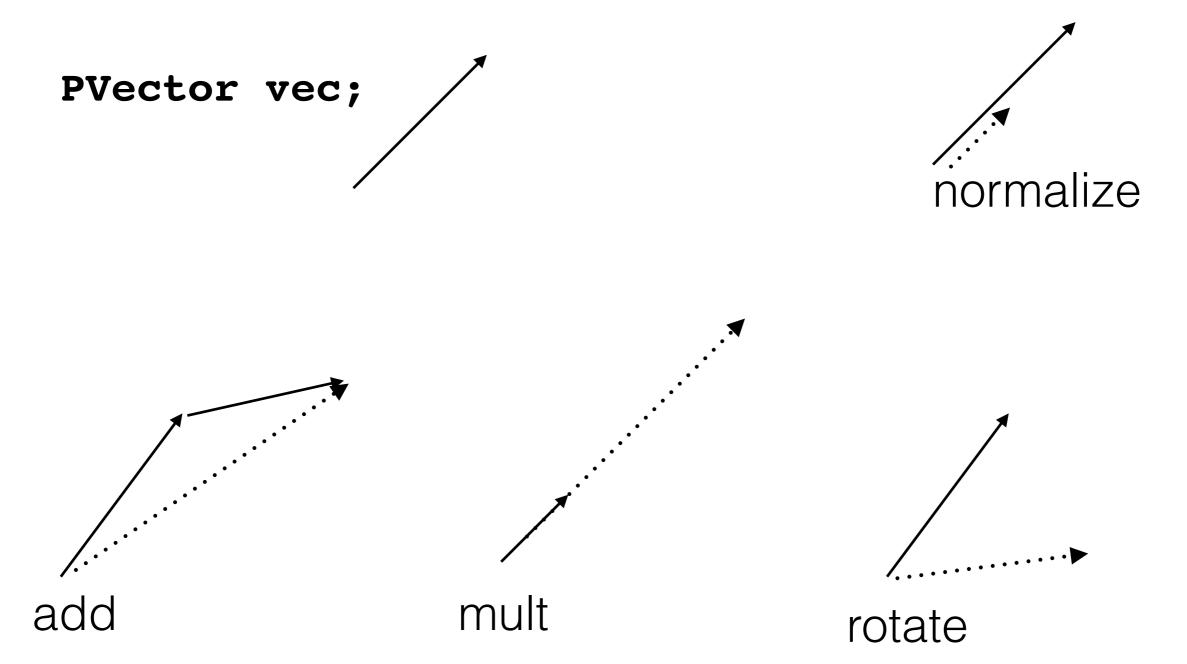
## Reference

https://processing.org/reference/



#### PVector vec;

```
Fields
The x component of the vector
The y component of the vector
Z
The z component of the vector
Methods
set()
Set the x, y, and z component of the vector
set()
Set the x, y components of the vector
random2D()
Make a new 2D unit vector with a random direction.
random3D()
Make a new 3D unit vector with a random direction.
fromAngle()
Make a new 2D unit vector from an angle
. . .
```

### Example

```
PVector v1, v2;
void setup() {
  noLoop();
 v1 = new PVector(40, 20, 0);
 v2 = new PVector(25, 50, 0);
}
void draw() {
  ellipse(v1.x, v1.y, 12, 12);
  ellipse(v2.x, v2.y, 12, 12);
 v2.add(v1);
  ellipse(v2.x, v2.y, 24, 24);
}
```

### HSB

```
colorMode(HSB, 360, 100, 100);
```

hue :  $360^{\circ}$ 

saturation: 100

brightness: 100