19.What's the difference between a for loop and a while loop?

for loop can do all the loop, and it needs to specify the number of loops.

while loop good at the loop never end and It performs a check after each loop. If the condition is still true, it will continue until it becomes false.

22. What's the difference between parameters and arguments?

parameters is the name of the functions.

argument is the values working the functions.

25. What's the difference between a class and an object?

class incloud the object the object is the tree or somthing else and in the class it can has a lot of object.

26. What is a constructor function? What does it do and when?

It is a special function that is used to create and initialize objects. You can call this special function using the keyword new. Its purpose is also to give any object attributes.

27. Why should each class have its own tab in Processing?

First of all, each class is a relatively independent individual, and its relationship with the subject needs to be manually related (called). Putting it in a new TAB can see more clearly what it does, and it can be more clear. Easy to use

31.What's the difference between an array and an ArrayList?

The order is important or the iterate through the list, for holding the noto refernces to object (Array)/do all the the thingsarrays do and easy add elements and remove elements. good when you want the length of your list to change during the program.(array list)

32.Why would you want to go through a list backwards, decrementing the index?

if I follow the order, it should be 12345678, and if I want to reverse the order, I can use it, and then it will become 87654321. so we will use it and for loop to get the order become 87654321.

37.When should you use PVector instead of float variables?

It can do most of the calculations. For example, I can use it to perform some character movements, and I can also use it to perform better calculations with a physics engine, and I don't need to enter multiple variables.

42.What is a normalized vector, why is it useful?

it makes the vector length of one but keep the direction. If we need to compare vectors, we can use normalized vector to make the two values equal to one and then compare their directions.