For loops are loops that run for a set number of times. These are useful for doing things like sorting through arrays and lists. Actually, that is pretty much the only use that I can think of for for and foreach loops. I guess there might be some situation other than that where they could come in handy, I guess the best way to put it is to that you use them any time you want a loop to run for a set number of times.

Some examples include

for (int i = 0; i < array.length; i++)

{

Debug.Log ( array [ i ] );

}

This would write to the console all the data in the array.

You could do the same thing with a foreach loop

foreach ( int element in array)

{

Debug.Log ( element );

}

I am not sure what else to do for this since these are always written the same way. I am pretty sure that a for loop can only count numbers, in other words int, double, float, and decimal. While foreach loops can do any of the variable types.

It is possible to nest a loop inside a loop. This can sort numerical data into ascending and descending order. It requires so logic in-between, but this is what is known as a bubble sort. It isn’t the best way to do this, but it is a common tool used for thinking and learning the logic of arrays and for loops. It would look like this.

int temp = 0;

for (int i = 0; I < array.length; i++)

{

for ( int j = 0; j < array.Length ; j++)

{

if ( arr [ i ] > arr [ i +1])

{

temp = arr [ i +1];

arr [ i + 1] = arr [ i ];

arr [ i ] = temp;

}

}

}