OC study note

It is the first time to know about Objective-C language. And also the first time know about object- Oriented . I am confused of class and object these kinds of term. It makes my study process slowly.

1. **NSMutableArray** \*foo
2. foo = [NSMutableArray alloc];
3. [foo init];

the same as

1. **NSMutableArray** \*foo
2. foo = [[NSMutableArray alloc]init];

新建一个NSMutableArray 类的对象foo

create a object “foo” and belone to class “ NSMutableArray”

OC Output：

symbol                          Display

%@                            id   (display an object)

%d %D %i                      long

%u %U                         unsigned long

%hi                           short

%hu                           unsigned short

%qi                           long long

%qu                           unsigned long long

%x %X                         unsigned long  16 (H)

%o %O                         unsigned long  8 (O)

%f %e %E %g %G                double ASCII

%c                            unsigned char

%C                            unsigned char as Unicode charachter

%s                            char \*(a null-terminated C string of ASCII characters)

%S                            unichar\*(a null-terminated C string of Unicode character)

%p                            void\*(an address printed in hexadecimal 0x...)

%%                            a%  character

the different between Cstring and NSString

// Cstring  char \*foo

//NSString   NSString \*bar

foo = "this is a C string"

bar = @"this is a NSString"

example：

1. **NSDate** \*now;
2. now = [NSDate date];
3. -(**id**)dateByAddingTimeInterval:(NSTimeInterval)interval
4. -(NSTimeInterval)timeIntervalSinceDate:(NSDate\*)another Date