Compare Date - (when date==from / date==to / from<date<to)

NSDate \*date= [[NSDate alloc] init];

NSDateFormatter \*dateFormatter = [[NSDateFormatter alloc]init];

NSTimeZone \*gmttoday = [NSTimeZone timeZoneForSecondsFromGMT:19800];

[dateFormatter setTimeZone:gmttoday];

[dateFormatter setDateFormat:@"yyyy-MM-dd hh:mm:ss"];

NSArray \*fromD = [setFreeHour valueForKey:@"fromDate"];

NSString \*fromdate = fromD[j];

NSDateFormatter \*fromDateFormatter = [[NSDateFormatter alloc]init];

NSTimeZone \*gmtfrom = [NSTimeZone timeZoneForSecondsFromGMT:19800];

[fromDateFormatter setTimeZone:gmtfrom];

[fromDateFormatter setDateFormat:@"yyyy-MM-dd hh:mm:ss"];

NSDate \*fromDate = [fromDateFormatter dateFromString:fromdate];

NSArray \*toD = [setFreeHour valueForKey:@"toDate"];

NSString \*todate = toD[j];

NSDateFormatter \*toDateFormatter = [[NSDateFormatter alloc]init];

NSTimeZone \*gmtto = [NSTimeZone timeZoneForSecondsFromGMT:19800];

[toDateFormatter setTimeZone:gmtto];

[toDateFormatter setDateFormat:@"yyyy-MM-dd hh:mm:ss"];

NSDate \*toDate = [toDateFormatter dateFromString:todate];

NSComparisonResult from;

NSComparisonResult to;

from = [date compare:fromDate];

to = [date compare:toDate];

if((from == NSOrderedSame) || (to == NSOrderedSame) || (from == NSOrderedDescending && to == NSOrderedAscending)){

}