

Objective C Mini Test

Tuesday 29th November 2011

You have one hour.

Write an Objective C program called 'summer' that calculates the sum of a list of numbers entered by the user.

Expected behaviour:

```
$ ./summer
> 1+2
= 3
> 1+3+5+7
= 16
> 11+222
= 233
> 9+hello
error
> quit
goodbye!
$
```

1+2 => user input

Some hints...

1) Reading in a string:

```
char inputBuffer[200];
scanf("%s", inputBuffer);
NSString *input = [[NSString alloc]
                  initWithUTF8String:inputBuffer];
```

2) Creating a loop:

```
while (true) {
    // Do something
}
```

3) Splitting an NSString:

```
NSArray *array = [myString componentsSeparatedByString:@","];
```