

# Northern Michigan University (Marquette Co, MI)

## CS 344-01-24F: iOS / iPhone Programming

### Program 1

Due: Friday 13 September 2024 1:00 P.M. EDT

Create a folder called “PG1” in the top level of your CS344-01-24F folder on PHILOS. Copy your XCode folder into the PG1 folder. Place a (possibly empty) file or folder called “DONE” into the PG1 folder when you are ready to have your program graded.

Write the following program in Swift:

You should ask the user for a hexadecimal integer. (The digits in hex are 0-9 and A-F.) This number might be very large and so you will have to read it in as a string. The number will not be negative. There will not be extraneous characters, typos, or other dirty tricks in this number. You will not have to check for them.

Your Swift code should convert the hexadecimal integer to a regular, base 10, integer and print it to the screen.

For example,

```
Please enter a hexadecimal integer: 1A
The decimal equivalent of 1A is 26.
```