

Philip Pesic

Week 8

March 12 2023

Week 8 Q8

1) What is the ASCII Code ?

Ascii code is the binary value of a character in an ascii table

2) Find a ASCII code table and paste it here

USASCII code chart

	0	1	2	3	4	5	6	7
0	NUL	SOH	STX	ETX	END	SOB	ESC	
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								
G								
H								
I								
J								
K								
L								
M								
N								
O								
P								
Q								
R								
S								
T								
U								
V								
W								
X								
Y								
Z								
[
\								
]								
^								
_								
`								
a								
b								
c								
d								
e								
f								
g								
h								
i								
j								
k								
l								
m								
n								
o								
p								
q								
r								
s								
t								
u								
v								
w								
x								
y								
z								
{								
}								
~								
DEL								

3) What are the three steps to create and use a class ?

1: define class. 2: instantiate class. 3: use class object

4) Describe a constructor function, its uses, and give a code example

A constructor function is a method that is automatically called when a class is instantiated.

Ex:

```
Public className() {
```

```
X = 1;
```

```
}
```

Philip Pesic

Week 8

March 12 2023

Week 8 Q8

5) What is a class ?

A class is an object or encapsulation of code

6) What is an object ?

An object is an instance of a class

7) What is instantiation ?

Instantiation is the act of creating an instance of a class to be used in the main class/function

8) Why use multiple classes in programming

Using multiple classes allows programmers to keep their code neat, concise, and easy to work with by allowing them to encapsulate similar code into a class, then simply instantiating the class