# CITP 155 – Programming I

## Challenge 2

## Graded Activity (10 points)

**Today’s Challenge – Write this code in Word**

Write code below that would do the following. Your code doesn’t have to have the entire structure of a program – it’s just the code that would appear inside a main method.

* Declare a char variable
* Use a switch statement to evaluate whether the variable is a, b, c, d, etc. Your switch statement will have 26 options – one for each letter of the alphabet.
* For each branch of the switch statement, write a word to the console that begins with that letter of the alphabet.
* Don’t forget a default option at the end of your switch statement. It should display a message to the console that the character entered wasn’t between a and z.

char userVar;

Console.WriteLine("Enter in a char from a-z");

userVar = Convert.ToChar(Console.ReadLine().ToLower());

switch (userVar) {

case 'a':

Console.WriteLine("Alpha");

break;

case 'b':

Console.WriteLine("Bravo");

break;

case 'c':

Console.WriteLine("Charlie");

break;

case 'd':

Console.WriteLine("Delta");

break;

case 'e':

Console.WriteLine("Echo");

break;

case 'f':

Console.WriteLine("Foxtrot");

break;

case 'g':

Console.WriteLine("Golf");

break;

case 'h':

Console.WriteLine("Hotel");

break;

case 'i':

Console.WriteLine("India");

break;

case 'j':

Console.WriteLine("Juliett");

break;

case 'k':

Console.WriteLine("Kilo");

break;

case 'l':

Console.WriteLine("Lima");

break;

case 'm':

Console.WriteLine("Mike");

break;

case 'n':

Console.WriteLine("November");

break;

case 'o':

Console.WriteLine("Oscar");

break;

case 'p':

Console.WriteLine("Papa");

break;

case 'q':

Console.WriteLine("Quebec");

break;

case 'r':

Console.WriteLine("Romeo");

break;

case 's':

Console.WriteLine("Sierra");

break;

case 't':

Console.WriteLine("Tango");

break;

case 'u':

Console.WriteLine("Uniform");

break;

case 'v':

Console.WriteLine("Victor");

break;

case 'w':

Console.WriteLine("Whiskey");

break;

case 'x':

Console.WriteLine("Xray");

break;

case 'y':

Console.WriteLine("Yankee");

break;

case 'z':

Console.WriteLine("Zulu");

break;

default:

Console.WriteLine("Character entered wasn’t between a and z.");

break;

}

Console.ReadLine();