\*\* Exercise: Use the checked statement

Step 3:

int x = int.MaxValue - 1;

WriteLine(x);

x++;

WriteLine(x);

x++;

WriteLine(x);

x++;

WriteLine(x);

Step 5:

checked

{

int x = int.MaxValue - 1;

WriteLine(x);

x++;

WriteLine(x);

x++;

WriteLine(x);

x++;

WriteLine(x);

}

Step 7:

try

{

// previous code goes here

}

catch(OverflowException)

{

WriteLine("The code overflowed but I caught the

exception.");

}

\*\* Exercise: Use the unchecked statement

Step 4:

unchecked

{

int y = int.MaxValue + 1;

WriteLine(y); // this will output -2147483648

y--;

WriteLine(y); // this will output 2147483647

y--;

WriteLine(y); // this will output 2147483646

}

\*\* Activity E-1

int n = int.MaxValue + 1;

int n2 = unchecked(int.MaxValue + 1);

int n3 = int.MinValue;

Console.WriteLine($"Minimum integer: {int.MinValue}, n3: {n3}");

n3--;

Console.WriteLine($"Maximum integer: {int.MaxValue}, n3: {n3}");