Chapter 4 CRT:

1. A. If(grade >= 90)   
    {  
    System.***out***.println("Great job!");   
    }  
   B. if(number < 20 || number > 50)  
    {  
    System.***out***.println("Error");   
    }

C. if(y < 100)

{  
 y = y + 2;

}

1. If(num1 > num2)  
   {  
    System.***out***.println("First number is larger.");

}

Else if(num1 < num2)  
{  
 System.***out***.println("Second number is larger.");   
}  
else  
{  
 System.***out***.println("Numbers are equal.");

}

1. The first blank is even the second blank is odd
2. A. (**int**)((50) \* Math.*random*() + 1)  
   B. (**int**)((100 - 20 + 1) \* Math.*random*() + 1)  
   C. ((10) \* Math.*random*() + 10)
3. If the ages of 18 or 65 are entered than it does not work because they have > and < but no <= or =>, so all of the if and elses are false when 18 or 65 are entered.
4. A. true  
   B. false  
   C. true  
   D. true  
   E. true  
   F. true  
   G. true