1. What gets printed by the following code fragment?

```java
int num1 = 5; int num2 = 4;

if (num1 >= num2)
{
    System.out.println ("red");
    System.out.println ("orange");
}
if ((num1 + 5) >= num2)
    System.out.println ("white");
else
    if ((num1 + 10) >= num2)
    {
        System.out.println ("black");
        System.out.println ("blue");
    }
else
    System.out.print ("yellow");
System.out.println("green");
```

Output

2. Complete the following Java code fragment to print a message based on the value of the `int` variable named `temperature`. If `temperature` is less than or equal to 50, it prints “it is cool”. If `temperature` is greater than or equal to 80, it prints “It is warm. If `temperature` is between 50 and 80, it prints “it is pleasant.”. (use back of this page if needed)

```java
Scanner scan = new Scanner(System.in);
System.out.print("Please enter current temperature");
int temperature = scan.nextInt();
```
1. What gets printed by the following code fragment?

```java
int num1 = 5; int num2 = 14;
if (num1 >= num2)
{
    System.out.println ("red");
    System.out.print ("orange");
}
if ((num1 + 5) >= num2)
    System.out.println ("white");
else
    if ((num1 + 10) >= num2)
        { System.out.println ("black");
            System.out.println ("blue");
        }
    else
        System.out.println ("yellow");
    System.out.println("green");
```

2. Complete the following algorithm to print the \textit{minimum} of three numbers a, b, c.

\textbf{Variables:} a, b, c, min  
\textbf{Algorithm:}
- input a, b, c