```
C:\Users\Chet\Dropbox\Misc School Work>javac ClassExamples.java
ClassExamples.java:51: error: variable x is already defined in method main(Strin
g[])
                          for(int x = 10; x < 20; x = x+1)
                                  ^
ClassExamples.java:59: error: variable x is already defined in method main(Strin
g[])
                          for (int x : numbers )
                                   ^
ClassExamples.java:73: error: variable x is already defined in method main(Strin
g[])
                          for (int x : numbers )
                                   ^
ClassExamples.java:83: error: variable x is already defined in method main(Strin
g[])
                          for (int x : numbers )
                                   ^
4 errors

C:\Users\Chet\Dropbox\Misc School Work>javac ClassExamples.java

C:\Users\Chet\Dropbox\Misc School Work>java ClassExamples
count= 0
count++= 0
count= 1
++count= 2
count= 2
small < big
value of y : 10
value of y : 11
value of y : 12
value of y : 13
value of y : 14
value of y : 15
value of y : 16
value of y : 17
value of y : 18
value of y : 19
value of y : 10
value of y : 11
value of y : 12
value of y : 13
value of y : 14
value of y : 15
value of y : 16
value of y : 17
value of y : 18
value of y : 19
value of x : 10
value of x : 11
value of x : 12
value of x : 13
value of x : 14
value of x : 15
value of x : 16
value of x : 17
value of x : 18
value of x : 19
10, 20, 30, 40, 50, Jim, Bob, Tom, Li, 10
20
10
20
40
50

C:\Users\Chet\Dropbox\Misc School Work>_
```

```java
public class ClassExamples
{
    public static void main(String[] args)
    {
        //Slide 22, increments
        int count = 0;
        System.out.println("count= " + count);
        System.out.println("count++= " + (count++));
        System.out.println("count= " + count);
        System.out.println("++count= " + (++count));
        System.out.println("count= " + count);

        //Slide 27, Logical Evaluations
        int small = 1;
        int big = 1000;
        if (small > big)
        {
            System.out.println("small > big");
        }
        else if (small == big)
        {
            System.out.println("small = big");
        }
        else
        {
            System.out.println("small < big");
        }

        //Slide 28, While loops

        int y = 10;

        while( y < 20)
        {
```

```java
        }

        String [] names = {"Jim", "Bob", "Tom", "Li"};
        for (String name : names )
        {
            System.out.print(name);
            System.out.print(", ");
        }

        //Slide 30, break and continue
        for (int x : numbers )
        {
            if( x == 30)
            {
                break;
            }
            System.out.print(x);
            System.out.print("\n");
        }

        for (int x : numbers )
        {
            if ( x == 30)
            {
                continue;
            }
            System.out.print(x);
            System.out.print("\n");
        }

        return;
    }
}
```

```java
        {
            System.out.print("value of y : " + y);
            y++;
            System.out.print("\n");
        }

        y = 10;

        do
        {
            System.out.print("value of y : " + y);
            y++;
            System.out.print("\n");
        }
        while (y < 20);

        //Slide 29, for loops
        for(int x = 10; x < 20; x = x+1)
        {
            System.out.print("value of x : " + x);
            System.out.print("\n");
        }

        int [] numbers = {10, 20, 30, 40, 50};

        for (int x : numbers )
        {
            System.out.print(x);
            System.out.print(", ");
        }

        String [] names = {"Jim", "Bob", "Tom", "Li"};
        for (String name : names )
        {
```