1. Define those variables with correct type of data.

2. Consider a grading system where numbers are turned into letters. Fill in the blank in the following code to complete the boolean expression.

```
float grade = random(0, 100);
if ( grade \ge 80 ) {
      println ( "Assign letter grade A. ");
} else if ( ____ grade >= 70 ____ ) {
      println ( ____ Assign letter grade B _____);
} else if ( _____ grade >= 60 ____ ) {
      println ( _____ Assign letter grade C _____);
} else if ( ______ ) {
      println ( _____ Assign letter grade D _____);
} else if ( ______ grade < 50 _____ ) {
      println ( Assign letter grade F );
}
```

```
3.
int x = 5;
                                              int x = 5;
if (x == 5)
                                              if (x == 5)
      x = 6;
                                                     x = 6;
}
                                              else if (x==6) {
if (x == 6) {
                                                       x = 5;
      x = 5;
                                               }
println (" X is now: " + x);
                                              println (" X is now: " + x);
                                              OUTPUT : ____6
OUTPUT : ____5
```

4. Draw a series of lines moving down the screen.

5. Create a 'sum' function that adds 3 numbers and print the result to the message window once.