

## vercise Solutions

```
Code Magnets:
class Shuffle1 {
  public static void main(String [] args) {
    int x = 3;
    while (x > 0) {
      if (x > 2) {
        System.out.print("a");
      x = x - 1;
      System.out.print("-");
      if (x == 2) {
        System.out.print("b c");
      if (x == 1) {
        System.out.print("d");
        x = x - 1;
      }
```

```
Fig. Edil Window Help Post
    java Shufflel
a-b c-d
```

```
dive In A Quick Dip
   class Exerciselb {
     public static void main(String [] args) {
        int x = 1;
       while (x < 10) {
          x = x + 1:
          if (x > 3) {
A
            System.out.println("big x");
       }
            This will compile and run (no output), but
            without a line added to the program, it
            would run forever in an infinite 'while' loop!
   class Foo {
     public static void main(String [] args) {
       int x = 5;
       while (x > 1) {
          x = x - 1;
          if (x < 3) {
В
            System.out.println("small x");
         }
             This file won't compile without a
       }
             class declaration, and don't forget
     }
             the matching curly brace!
   class Exercise1b {
     public static void main(String [] args) {
       int x = 5;
       while (x > 1) (
         x = x - 1;
C
         if (x < 3) {
           System.out.println("small x");
         }
            The 'while' loop code must be in-
```

side a method. It can't just be hanging out inside the class.

}

## puzzle answers



```
class PoolPuzzleOne {
  public static void main(String [] args) {
    int x = 0;
    while ( X < 4 ) {
      System.out.print("a");
      if (x < 1) {
          System.out.print(" ");
      System.out.print("n");
      if (X>1) {
          System.out.print(" oyster");
          x = x + 2;
      if (x == 1) {
          System.out.print("noys");
      if (X < 1) {
          System.out.print("oise");
      System.out.println("");
                          FAIR EDIT WHODE HED CHEM
      X = X + 1;
                          §java PoolPuzzleOne
     }
                          a noise
  }
                          annoys
}
                          an oyster
```





