1. Show what gets printed and rewrite using a while and if/else (i.e., eliminate the do and switch):

```java
int size = 12;
do {
    System.out.print(size + " => ");
    int category = size / 4;
    switch(category) {
        case 0:
            System.out.println("S");
            break;
        case 1:
            System.out.println("M");
            break;
        default:
            System.out.println("L");
    }
    size = size - 2;
} while (size > 1);
```

2. Rewrite using while and the conditional operator (i.e., eliminate the for and if/else):

```java
for (int a = 0; a < 5; a++)
{
    System.out.print(" This question is worth " + a);
    if (a == 1) System.out.print(" point. ");
    else System.out.print(" points. ");
}
```
1. Show what gets printed and rewrite using if/else:

```java
char ch = 'n';
System.out.print ("The answer is ");
switch(ch)
{
    case 'y': case 'Y':
        System.out.println ("positive.");
        break;
    case 'N': case 'n':
        System.out.println ("negative.");
        break;
    default:
        System.out.println ("unclear.");
}
```

Using if/else:

```
if (ch == 'y' || ch == 'Y')
    System.out.println ("positive.");
else if (ch == 'N' || ch == 'n')
    System.out.println ("negative.");
else
    System.out.println ("unclear.");
```

2. Show what gets printed and rewrite using while and if/else (i.e., eliminate the for and conditional operator):

```java
for (int a = 1; a <= 5; a++)
    System.out.println(a + (a % 2 == 0? " apples ": " oranges "));
```

Using while and if/else:

```
int a = 1;
while (a <= 5)
{
    System.out.println(a + (a % 2 == 0? " apples ": " oranges "));
    a++;
}
```