3) Redo Exercise 4, Section 1.3 so that step counts are introduced into the function. Express the total count as an equation.

Soln:

```
void sort_three(int x, int y, int z)
{
  count++; // for if condition
  if(x>=y)
  {
    count++; // for if condition
    if(z>=x)
    {
      count++; // for printf
      printf("x,y,z in ascending order is %d %d %d", y,x,z);
    }
    else
    {
      count++; // for if condition
      if(z>=y)
      {
        count++; // for printf
        printf("x,y,z in ascending order is %d %d %d", y,z,x);
      }
      else
      {
        count++; // for printf
        printf("x,y,z in ascending order is %d %d %d", z,y,x);
      }
    }
  }
  else
  {
    count++; // for if condition
    if(z>=x)
    {
      count++; // for printf
      printf("x,y,z in ascending order is %d %d %d", z,x,y);
    }
    else
    {
      count++; // for if condition
      if(z>=y)
      {
        count++; // for printf
        printf("x,y,z in ascending order is %d %d %d", x,y,z);
      }
      else
      {
        count++; // for printf
        printf("x,y,z in ascending order is %d %d %d", x,z,y);
      }
    }
  }
}
```