

```
sort (int v[], int n)
{
    int i, j;
    for (i = 0; i < n; i = i + 1) {
        for (j = i - 1; j >= 0 && v[j] > v[j + 1]; j = j - 1)
            { swap(v,j);
              }
    }
}
```

FIGURE E.55 MIPS versus VAX assembly code of the procedure swap in Figure E.53 on page E-30.