Problem 28. (3 points):

Consider the following C functions and assembly code:

```
int fun1(int a, int b)
{
    if (a < b)
        return a;
    else
        return b;
}

int fun2(int a, int b)
{
    if (b < a)
        return b;
    else
        return a;
}

int fun3(int a, int b)
{
    unsigned ua = (unsigned) a;
    if (ua < b)
        return b;
    else
        return ua;
}
```

```
      pushl %ebp
      movl %esp,%ebp
      movl 8(%ebp),%edx
      movl 12(%ebp),%eax
      cmpl %eax,%edx
      jge .L9
      movl %edx,%eax
.L9:
      movl %ebp,%esp
      popl %ebp
      ret
```

Which of the functions compiled into the assembly code shown?