**22L-6552 2-H**

**Homework # 3**

**Q)** In which situation, a function cannot become an inline function? Give **5** reasons.

**Answer)**

The compiler may not perform inlining in such circumstances as:

**1.** If a function contains a loop. (for, while and do-while)

**2.** If a function contains static variables.

**3.** If a function is recursive.

**4.** If a function return type is other than void, and the return statement doesn’t exist in a function body.

**5.** If a function contains a switch or goto statement.