

Function Call Translation

- A function is written in C as follows. A compiler assigns x10-x13 to g-j. Assume that local variable f is in the x20 register, and x18 and x19 registers are used for holding intermediate values, as we saw in the earlier example.

```
int64_t func(int64_t g, int64_t h, int64_t i, int64_t j) {  
    int64_t f;  
    f = (g + h) - (i + j);  
    return f;  
}
```

- What is the compiled RISC-V assembly code?