HW 05 OrKom - 13521024_Ahmad Nadil

Practice Problem 3.24

```
short loop_while (short a, short b)
{
    short result = 0;
    while (a > b){
        result = result + (a*b);
        a = a-1;
    }
    return result;
}
```

Practice Problem 3.28

```
long fun_b (unsigned long x)
{
    long val = 0;
    long i;
    for (i = 64 ; i != 0 ; i--){
       val = (val << 1) | (x & 0x1);
       x = x >> 1;
    }
    return val;
}
```

Practice Problem 3.28

```
void switcher (long a, long b, long c, long *dest)
   long val;
   switch(a){
       case 5:
         c = b ^ 15;
         /* Fall through */
       case 0:
          val = c + 112;
          break;
       case 2:
       case 7:
           val = (c + b) << 2;
           break;
       case 4:
           val = a;
          break;
       default:
       val = b;
   *dest = val;
```