

Source Code File

```
if a<b  
(Lib ref)  
do while  
z=x-y  
(Lib ref)
```

Compiler

Object File

```
11011001  
(Lib ref)  
00010111  
10101011  
(Lib ref)
```

Linker

Executable File

```
11011001  
01000100  
00010111  
10101011  
11111100
```

Library Files

```
10111101  
11100001  
00000011  
01000100  
10011101  
11111100
```