## Codes in high level language

```
a = 3+5;
b = a*2;
printf("a = %d, b = %d", a, b);
```

## Translator

Compiler

## Machine codes (binary codes)

```
010101 0000 0011   110111 0000 0001
010101 0001 0101   010101 0000 1101
101010 0000 0001
010101 0000 1011
010101 0000 0010
010101 0001 1011
```

pre-compilation