Convert the following binary numbers to decimal:

00010010
00001011
01000100
1\times64 + 1\times4 = 68

Convert the following decimal numbers to binary:

25
67
14
8+4+2 = 00001110

Let us consider the following code:

```cpp
int a;
cout << "Give me a number: ";
cin >> a;
switch(a) {
case 0:
case 1:
    cout << "Apple\n";
    break;
case 2:
case 3:
    cout << "Orange\n";
case 4:
    cout << "Pear\n";
    break;
default :
    cout << "Banana\n";
}
```

What is the output if the user inputs:

7
1
2

Orange
Pear
What is the output of the following code?

```cpp
int a=3;
while(a!=9)
{
    cout << "My number is " << a << endl;
    a+=3;
}
```

What is the output of the following code?

```cpp
int a=3, b=0;
while(a<6)
{
    b = b+a;
    a++;
}
cout << b;
```

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What is the output of the following code?

```cpp
int a=3;
while(a>0||a<5)
{
    cout << "Loop!";
    a--;
}
```