基礎理論 練習問題　No.01	クラス	番号	氏名

問1. 2進数の加算について、下記の（1）～（30）問題について答えなさい。

(1)
```
    1
+   1
```

(2)
```
   10
+   1
```

(3)
```
   10
+  10
```

(4)
```
  100
+   1
```

(5)
```
  101
+   1
```

(6)
```
  101
+ 100
```

(7)
```
  110
+  11
```

(8)
```
 1010
+ 101
```

(9)
```
 1110
+  11
```

(10)
```
10101
+   10
```

(11)
```
10100
+  111
```

(12)
```
10111
+   11
```

(13)
```
11111
+    1
```

(14)
```
10011
+ 1010
```

(15)
```
 1111
+ 1010
```

(16)
```
 1001
+ 1101
```

(17)
```
 1101
+ 1101
```

(18)
```
10101
+ 1010
```

(19)
```
11011
+ 11111
```

(20)
```
10011
+ 10111
```

(21)
```
111101
+ 10101
```

(22)
```
100011
+ 110000
```

(23)
```
100010
+ 101111
```

(24)
```
1011111
+    1110
```

(25)
```
1011010
+ 101011
```

(26)
```
1011111
+ 110111
```

(27)
```
1110101
+ 1101111
```

(28)
```
1001101
+ 1010110
```

(29)
```
1010111
+ 1011110
```

(30)
```
1011110
+ 1011011
```

問2．２進数の減算について、下記の（１）～（３０）問題について答えなさい。

(1)
```
    10
  -  1
_____
```

(2)
```
    11
  -  1
_____
```

(3)
```
   100
  -  11
_____
```

(4)
```
   111
  - 100
_____
```

(5)
```
   111
  - 101
_____
```

(6)
```
   110
  -   1
_____
```

(7)
```
  1110
  - 1010
_____
```

(8)
```
  10100
  - 1011
_____
```

(9)
```
  10001
  - 1110
_____
```

(10)
```
  10010
  -   11
_____
```

(11)
```
  101010
  -  1011
_____
```

(12)
```
  101011
  -  1110
_____
```

(13)
```
  101110
  - 100110
_____
```

(14)
```
  100110
  -  1101
_____
```

(15)
```
  100100
  - 10111
_____
```

(16)
```
  101110
  - 11110
_____
```

(17)
```
  111011
  - 10100
_____
```

(18)
```
  101110
  - 101001
_____
```

(19)
```
  1001111
  -  10111
_____
```

(20)
```
  1011111
  -  11111
_____
```

(21)
```
  10110110
  -    1101
_____
```

(22)
```
  10110001
  -  100110
_____
```

(23)
```
  10110111
  - 10110010
_____
```

(24)
```
  10010101
    101010
_____
```

(25)
```
  10100101
    1011111
_____
```

(26)
```
  11100111
  - 10110110
_____
```

(27)
```
  11010111
  - 1011011
_____
```

(28)
```
  10110001
  -  110001
_____
```

(29)
```
  10101101
  -  111011
_____
```

(30)
```
  11010111
  - 10010101
_____
```