```c
1 #include <stdio.h>
2 #include <math.h>
3    int main() {
4 /* convert binary to decimal */
5 int bin1, bin2, bin3; /* input */
6
7   printf("three integer:");
8   scanf("%d, %d, %d", &bin1,&bin2,&bin3);
9
10   int dec = (bin3*pow(2,2)+bin2*pow(2,1)+bin1*pow(2,0));
11
12   printf("decimal value is %d\n",dec);
13    return dec; }
```

```
                              lt24103483@MLBVDI-L

ghj
decimal value is 0
lt24103483@MLBVDI-LNN-007:~/Desktop$ gcc b
l.o
lt24103483@MLBVDI-LNN-007:~/Desktop$ ./bin
three integer:1,1,0
decimal value is 0
lt24103483@MLBVDI-LNN-007:~/Desktop$ gcc b
l.o
lt24103483@MLBVDI-LNN-007:~/Desktop$ ./bin
three integer:1,1,0
decimal value is 1
```

```
ghj
decimal value is 0
it24103483@MLBVDI-LNN-007:~/Desktop$ gcc binary_to_decimal.c -o binary_to_d
l.o
it24103483@MLBVDI-LNN-007:~/Desktop$ ./binary_to_decimal.o
three integer:1,1,0
decimal value is 0
it24103483@MLBVDI-LNN-007:~/Desktop$ gcc binary_to_decimal.c -o binary_to_d
l.o
it24103483@MLBVDI-LNN-007:~/Desktop$ ./binary_to_decimal.o
three integer:1,1,0
decimal value is 1
it24103483@MLBVDI-LNN-007:~/Desktop$ gcc binary_to_decimal.c -o binary_to_d
l.o
it24103483@MLBVDI-LNN-007:~/Desktop$ ./binary_to_decimal.o
three integer:1,1,0
decimal value is 1
it24103483@MLBVDI-LNN-007:~/Desktop$ gcc binary_to_decimal.c -o binary_to_d
l.o
it24103483@MLBVDI-LNN-007:~/Desktop$ ./binary_to_decimal.o
three integer:1,1,0
decimal value is 3
it24103483@MLBVDI-LNN-007:~/Desktop$
```

```
it24103483@MLBVDI-LNN-007:~$ cd Desktop
it24103483@MLBVDI-LNN-007:~/Desktop$ vim binary to decimal.c
3 files to edit
it24103483@MLBVDI-LNN-007:~/Desktop$ vim binary_to_decimal.c
it24103483@MLBVDI-LNN-007:~/Desktop$ binary_to_decimal.c -o binary_to_decima
binary_to_decimal.c: command not found
it24103483@MLBVDI-LNN-007:~/Desktop$ gcc binary_to_decimal.c -o binary_to_dec
l.o
binary_to_decimal.c: In function 'main':
binary_to_decimal.c:12:34: error: expected ')' before 'dec'
   12 |     printf("decimal value is %d\n,"dec);
      |                        ~              ^~~
      |                                       )
binary_to_decimal.c:12:29: warning: format '%d' expects a matching 'int' argu
t [-Wformat=]
   12 |     printf("decimal value is %d\n,"dec);
      |                                 ~^
      |                                  |
      |                                  int
it24103483@MLBVDI-LNN-007:~/Desktop$ gcc binary_to_decimal.c -o binary_to_dec
l.o
binary_to_decimal.c: In function 'main':
binary_to_decimal.c:12:34: error: expected ')' before 'dec'
   12 |     printf("decimal value is %d\n,"dec);
```