

Lesson 17 Binary Program

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A program to convert binary to decimal:
#include <stdio.h>
int main() {
    int binary, decimal = 0,y=1;
    //we declared two variables
    printf("Enter a binary number : ");
    scanf("%d", &binary);
    //we take input from the user
    while (binary) {
         decimal += binary % 10 * y;
         binary /= 10;
         //to split the last digit from the number
         y *= 2;
    printf("%d", decimal);
}
Try to code yourself:
--> click here: lesson 17 Binary Program - Replit
```

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How to split a number into digits:

• Let's take 234: