

Code

```
#include <stdio.h>
int main() {
    int binary, decimal=0, y=1;
    printf("Enter a binary number: ");
    scanf("%d", &binary);
    while(binary!=0) {
        decimal+=binary%10*y;
        binary/=10;
        y*=2;
    }
    printf("%d\n", decimal);
    return 0;
}
```