**23.BINARY TO DECIMAL**

**#include <stdio.h>**

**#include <math.h>**

**int convert(long long);**

**int main() {**

**long long n;**

**printf("Enter a binary number: ");**

**scanf("%lld", &n);**

**printf("%lld in binary = %d in decimal", n, convert(n));**

**return 0;**

**}**

**int convert(long long n) {**

**int dec = 0, i = 0, rem;**

**while (n!=0) {**

**rem = n % 10;**

**n /= 10;**

**dec += rem \* pow(2, i);**

**++i;**

**}**

**}**

