

```
1  #include <iostream>
2
3  #QUESTION # 4:
4
5  #include <stdio.h>
6
7  int decToBinary(n) {
8      int binary = 0, remainder, f=1;
9
10     while (n != 0) {
11         remainder = n % 2;
12         binary = binary + remainder * f;
13         f = f * 10;
14         n /= 2;
15     }
16     return binary;
17 }
18
19 int main() {
20     int decimal;
21
22     printf("Enter a decimal number: ");
23     scanf("%d", &decimal);
24
25     printf("The binary equivalent is: ");
26     printf("%d", decToBinary(decimal));
27     return 0;
28 }
29
30
31
32
33
```