

```
1  #include <stdio.h>
2  void decimalToBinary(int decimal) {
3      if (decimal == 0) {
4          return;
5      }
6      decimalToBinary(decimal / 2);
7      printf("%d", decimal % 2);
8
9  }
10
11 int main() {
12     int decimal;
13     printf("Enter a decimal number: ");
14     scanf("%d", &decimal);
15
16     printf("Binary equivalent: ");
17     decimalToBinary(decimal);
18     printf("\n");
19
20     return 0;
21 }
```