

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