```c
#include <iostream>

#QUESTION # 4:

#include <stdio.h>

int decToBinary(n) {
  int binary = 0,remainder, f=1;

  while (n != 0) {
    remainder = n % 2;
    binary = binary + remainder * f;
    f = f * 10;
    n /= 2;
  }
  return binary;
}

int main() {
  int decimal;

  printf("Enter a decimal number: ");
  scanf("%d", &decimal);

  printf("The binary equivalent is: ");
  printf("%d",decToBinary(decimal));
  return 0;
}
```