21. Write a program to convert Decimal number to Binary number using any high level language.

PROGRAM:

#include <stdio.h>

void decimalToBinary(int num) {

if (num == 0) {

printf("0");

return;

}

// Stores binary representation of number.

int binaryNum[32]; // Assuming 32 bit integer.

int i=0;

for ( ;num > 0; ){

binaryNum[i++] = num % 2;

num /= 2;

}

// Printing array in reverse order.

for (int j = i-1; j >= 0; j--)

printf("%d", binaryNum[j]);

}

int main() {

int num = 9;

decimalToBinary(num);

return 0;

}

OUTPUT:

1001