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#include <stdio.h>

#define SIZE 50
int stack[SIZE];
int top = -1;
void push(int value) {
if (top == SIZE - 1) {
printf("Stack Overflow! Cannot push %d\n", value);
} else {
top++;
stack[top] = value;
}
}

int pop() {
if (top == -1) {
printf("Stack Underflow!\n");
return -1;
} else {
int value = stack[top];
top--;
return value;
}
}

int main() {
int decimal, remainder;

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

if (decimal == 0) {
printf("Binary: 0\n");
return 0;
}

while (decimal > 0) {
remainder = decimal % 2;
push(remainder);
decimal = decimal / 2;
}

printf("Binary: ");
while (top != -1) {
printf("%d", pop());
}
printf("\n");

return 0; // End of program
}
```

}