

main.c

Output







Enter your monthly salary: 35000

Enter your credit score (0-850): 780

Select loan type:

- 1. Home Loan
- 2. Personal Loan
- 3. Car Loan

Enter your choice (1-3): 1

You are eligible for a home loan up to: \$1050000.00

You qualify for a low interest rate.

=== Code Execution Successful ===



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Output





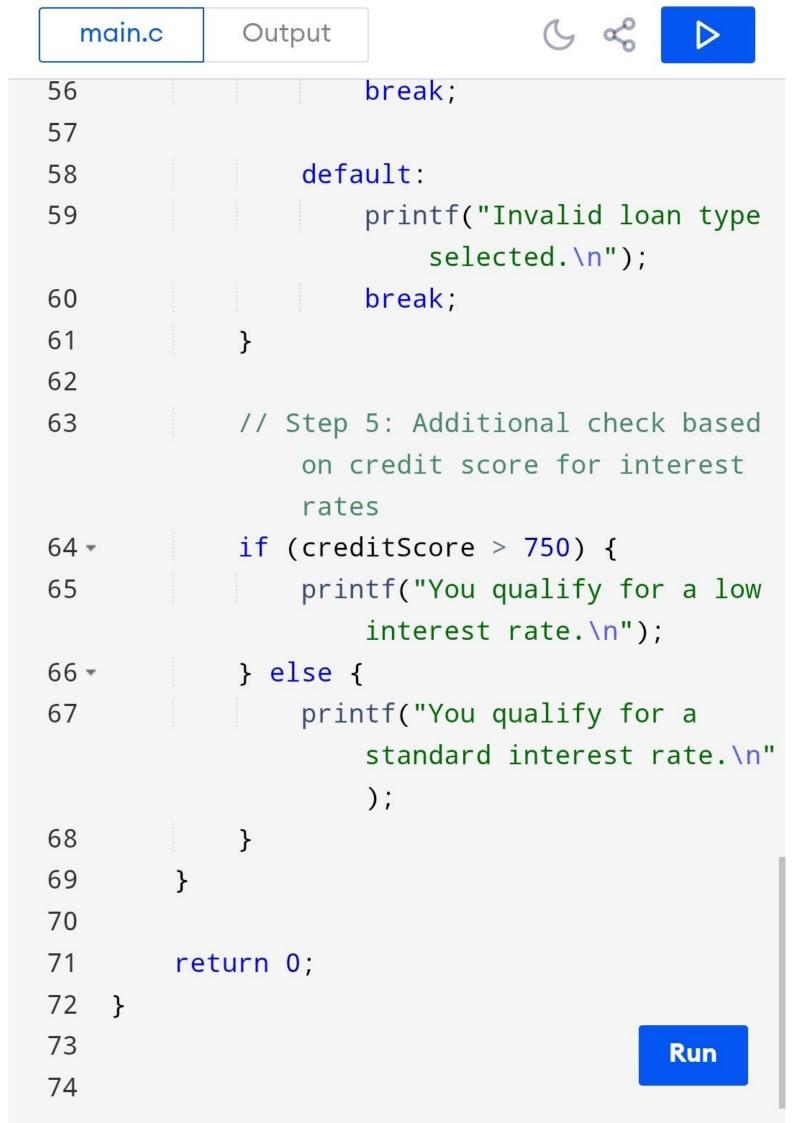


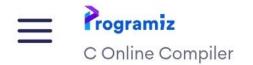
```
1
 2
    #include <stdio.h>
 3
 4
 5 * int main() {
 6
        float salary, maxLoanAmount;
        int creditScore, loanType;
 7
 8
 9
        // Step 1: Input applicant's salary
        printf("Enter your monthly salary: ");
10
11
        scanf("%f", &salary);
12
        // Step 2: Input applicant's credit
13
            score
        printf("Enter your credit score (0-850
14
            ): ");
        scanf("%d", &creditScore);
15
16
        // Step 3: Input type of loan
17
        printf("Select loan type:\n");
18
        printf("1. Home Loan\n");
19
20
        printf("2. Personal Loan\n");
        printf("3. Car Loan\n");
21
        printf("Enter your choice (1-)
                                         Run
22
        scanf("%d", &loanType);
23
```





```
24
25
        // Step 4: Evaluate loan eligibility
             using control structures
        if (creditScore < 600) {</pre>
26 -
             printf("Sorry, your credit score
27
                 is too low to sanction a loan
                 .\n");
        } else {
28 -
             // Using switch statement for
29
                 different loan types
30 -
             switch (loanType) {
31
                 case 1: // Home Loan
32 -
                     if (salary >= 30000) {
                          maxLoanAmount = 30 *
33
                           salary;
34 -
                     } else {
                          maxLoanAmount = 20 *
35
                           salary;
36
                     printf("You are eligible
37
                          for a home loan up to:
                          $%.2f\n",
                          maxLoanAmount):
                                          Run
                     break;
38
39
```





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