

Prg22:

The screenshot displays an IDE with the following components:

- Menu Bar:** File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help.
- Toolbar:** Includes icons for file operations, running, and debugging.
- Project Explorer:** Shows the project structure for 'prg22', including source packages, test packages, dependencies, and project files.
- Source Editor:** Displays the code for 'Prg22.java'. The code is as follows:


```

1  /*
2  * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-
3  */
4
5  package com.mycompany.prg22;
6
7  /**
8   *
9   * @author 1BSCCSA59
10  */
11  import java.util.*;
12
13  public class Prg22 {
14
15      public static void main(String[] args) {
16          Scanner sc = new Scanner(System.in);
17          System.out.println("Enter the sum of money deposited.");
18          double sum = sc.nextDouble();
19          System.out.println("Enter the No. of days.");
20          int days = sc.nextInt();
21          double amount;
22          double interest;
23          if(days <= 180){
24              interest = sum * 5.5/100.0;
25              amount = sum + interest;
26          }else if(days > 180 && days <= 364){
27              interest = sum * 7.5/100.0;
28              amount = sum + interest;
29          }else if(days == 365){
30              interest = sum * 9.0/100.0;
31              amount = sum + interest;
32          }else if(days > 365){
33              interest = sum * 8.5/100.0;
34              amount = sum + interest;
35          }
36          System.out.println("Amount on maturity is \u20B9"+amount);
37      }
38  }
39
40  }
41  
```
- Output Console:** Shows the execution of the program. The output is as follows:


```

--- com.mycompany.prg22:1.0-SNAPSHOT
Building prg22 1.0-SNAPSHOT
from pom.xml
--- resources:3.3.1:resources (default)
skip non existing resourceDirectory (C:\Users\user\IdeaProjects\prg22\src\main\resources)
--- compiler:3.13.0:compile (default)
Recompiling the module because of changes in the source files
Compiling 1 source file with javac [debug]
--- exec:3.5.1:exec (default-cli) @ 2026-02-18T13:02:53+05:30
Enter the sum of money deposited.
30000
Enter the No. of days.
4
Amount on maturity is ?31650.0

BUILD SUCCESS

Total time: 25.625 s
Finished at: 2026-02-18T13:02:53+05:30
      
```