

Prg 20:

The screenshot shows an IDE interface with several windows open. The top menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help, and a search bar. The title bar indicates the project is "DateAndCalend..." and the configuration is "<default config>". The status bar shows memory usage at "2287/3920MB".

The left pane displays the "Projects" view, listing various Java files and packages under projects like "prg16", "prg17", "prg18", "prg19", "PRG20", and "prg21".

The main code editor window shows the content of `Prg21.java`:

```
7  /**
8  *
9  * @author lBSCCSA9
10 *import java.util.*;
11 public class Prg21 {
12
13     public static void main(String[] args) {
14         Scanner sc = new Scanner(System.in);
15         System.out.println("Enter your name.");
16         String name = sc.nextLine();
17         System.out.println("Enter your age.");
18         int age = sc.nextInt();
19         System.out.println("Enter your income.");
20         double ti = sc.nextDouble();
21         double tax;
22         if(age > 60){
23             System.out.println("Wrong category");
24         }else{
25
26             if(ti <= 250000){
27                 System.out.println("Name : "+name);
28                 System.out.println("Tax amount : Nil");
29             }else if(ti > 250000 && ti<= 500000){
30                 tax = (ti - 160000)*0.1;
31                 System.out.println("Name : "+name);
32                 System.out.println("Tax amount : \u20B9"+tax);
33             }else if(ti > 500000 && ti<= 1000000){
34                 tax = (ti - 500000)* 0.2 + 34000;
35                 System.out.println("&Name : "+name);
36                 System.out.println("Tax amount : \u20B9"+tax);
37             }else if(ti > 1000000){
38                 tax = (ti - 1000000)* 0.2 + 94000;
39                 System.out.println("Name : "+name);
40                 System.out.println("Tax amount : \u20B9"+tax);
41             }
42         }
43     }
44 }
```

The "Output - Run (prg21)" window shows the execution results:

```
--[ jar
--- resources:3.3.1:resources (default)
skip non existing resourceDirectory (
--- compiler:3.13.0:compile (default)
Recompiling the module because of changes to source files.
Compiling 1 source file with javac [javac]
--- exec:3.5.1:exec (default-cli) @ I
Enter your name.
sarvesh
Enter your age.
21
Enter your income.
350000
Name :sarvesh
Tax amount : ?19000.0
-----
BUILD SUCCESS
-----
Total time: 33.613 s
Finished at: 2026-02-10T13:21:35+05:00
-----
```