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OOP Practical 2

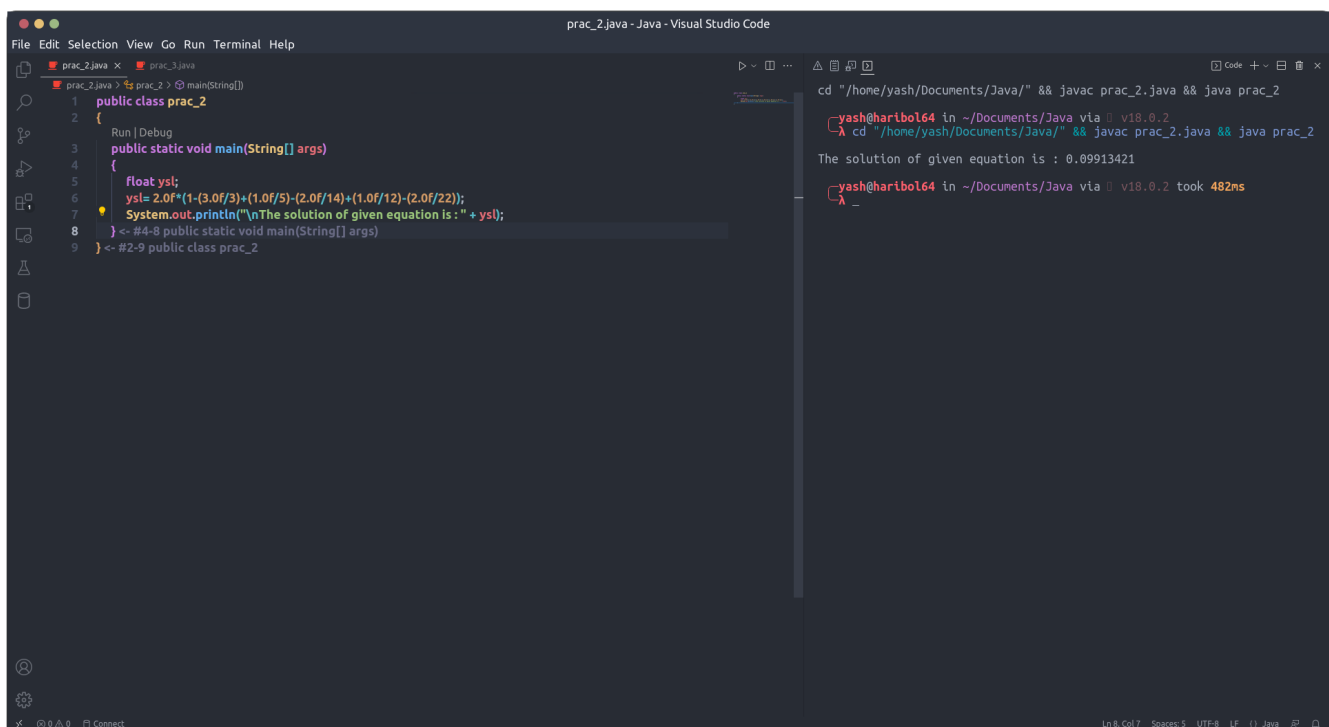
Problem : Aahana had her Mathematics subject final examination. Her teacher instructed the students to solve the equation using the formula:

$2.0 * (1 - (3.0/3) + (1.0/5) - (2.0/14) + (1.0/12) - (2.0/22))$ through a java program, and print the output

Code :

```
public class prac_2
{
    public static void main(String[] args)
    {
        float ysl;
        ysl= 2.0f*(1-(3.0f/3)+(1.0f/5)-(2.0f/14)+(1.0f/12)-(2.0f/22));
        System.out.println("\nThe solution of given equation is : " + ysl);
    }
}
```

Output :



The screenshot displays the Visual Studio Code interface with a Java file named 'prac_2.java'. The code editor shows the same Java code as in the previous block. The Run and Debug console on the right shows the execution of the program. The output is: 'The solution of given equation is : 0.09913421'. The terminal also shows the command to run the program: 'cd "/home/yash/Documents/Java/" && javac prac_2.java && java prac_2'.

```
File Edit Selection View Go Run Terminal Help
prac_2.java x prac_3.java
prac_2.java > %s prac_2 > @ main(String[])
1 public class prac_2
2 {
3     Run | Debug
4     public static void main(String[] args)
5     {
6         float ysl;
7         ysl= 2.0f*(1-(3.0f/3)+(1.0f/5)-(2.0f/14)+(1.0f/12)-(2.0f/22));
8         System.out.println("\nThe solution of given equation is : " + ysl);
9     } <- #4-8 public static void main(String[] args)
10 } <- #2-9 public class prac_2

cd "/home/yash/Documents/Java/" && javac prac_2.java && java prac_2
yash@haribol64 in ~/Documents/Java via v18.0.2
λ cd "/home/yash/Documents/Java/" && javac prac_2.java && java prac_2
The solution of given equation is : 0.09913421
yash@haribol64 in ~/Documents/Java via v18.0.2 took 482ms
λ _

Ln 8, Col 7 Spaces: 5 UTF-8 LF ( ) Java 8
```