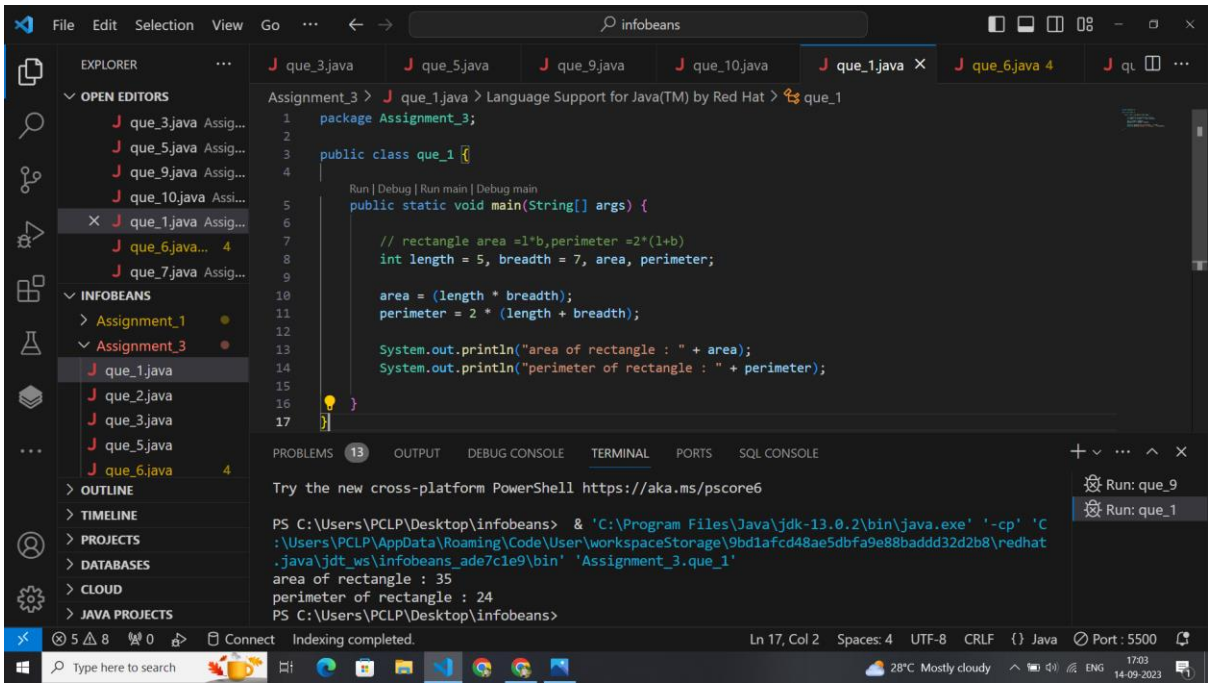
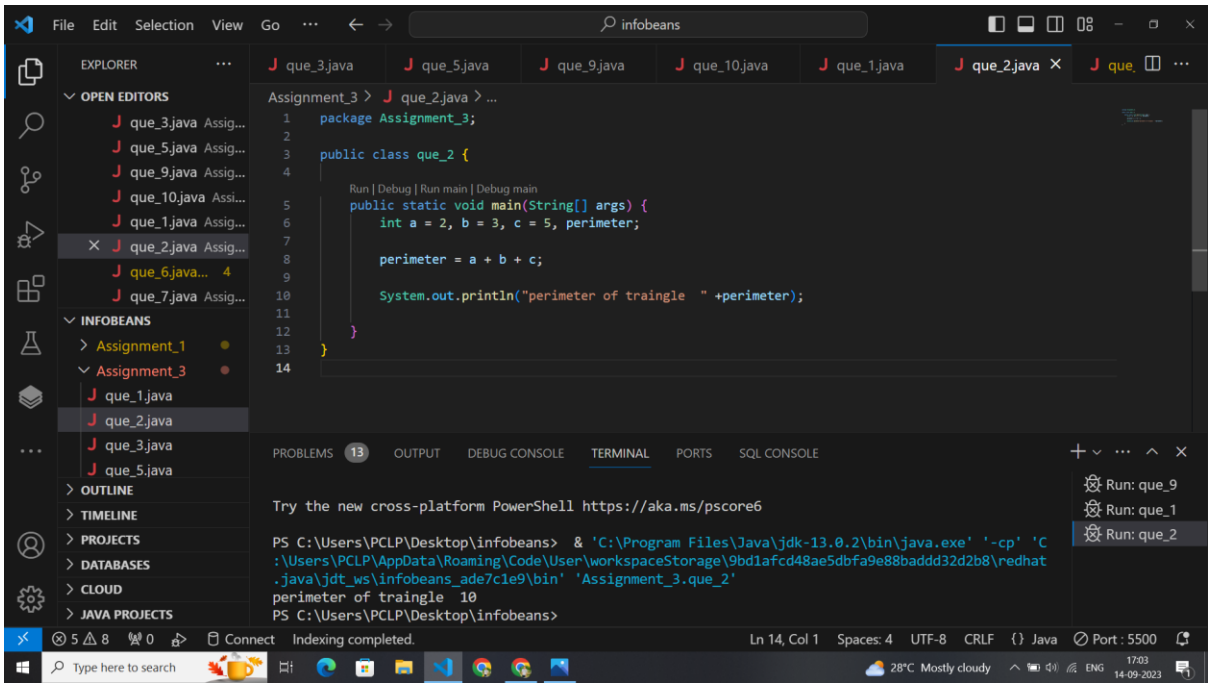
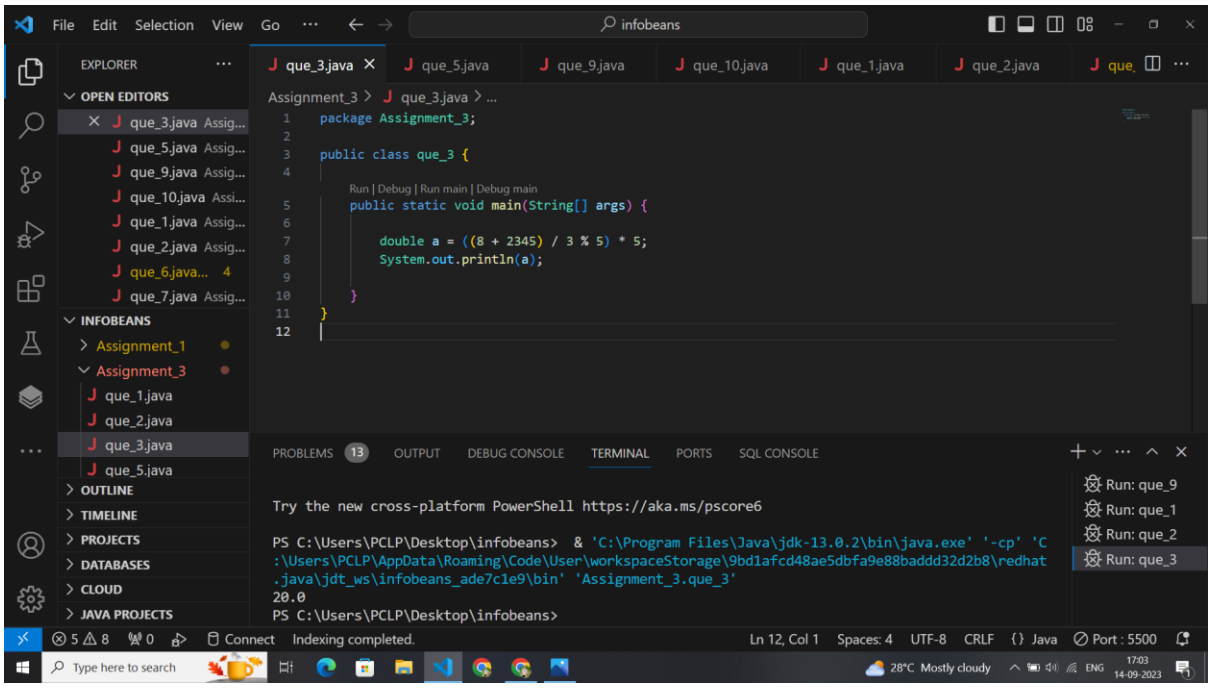
1.Length and breadth of a rectangle are 5 and 7 respectively. Write a program to calculate the area and perimeter of the rectangle.



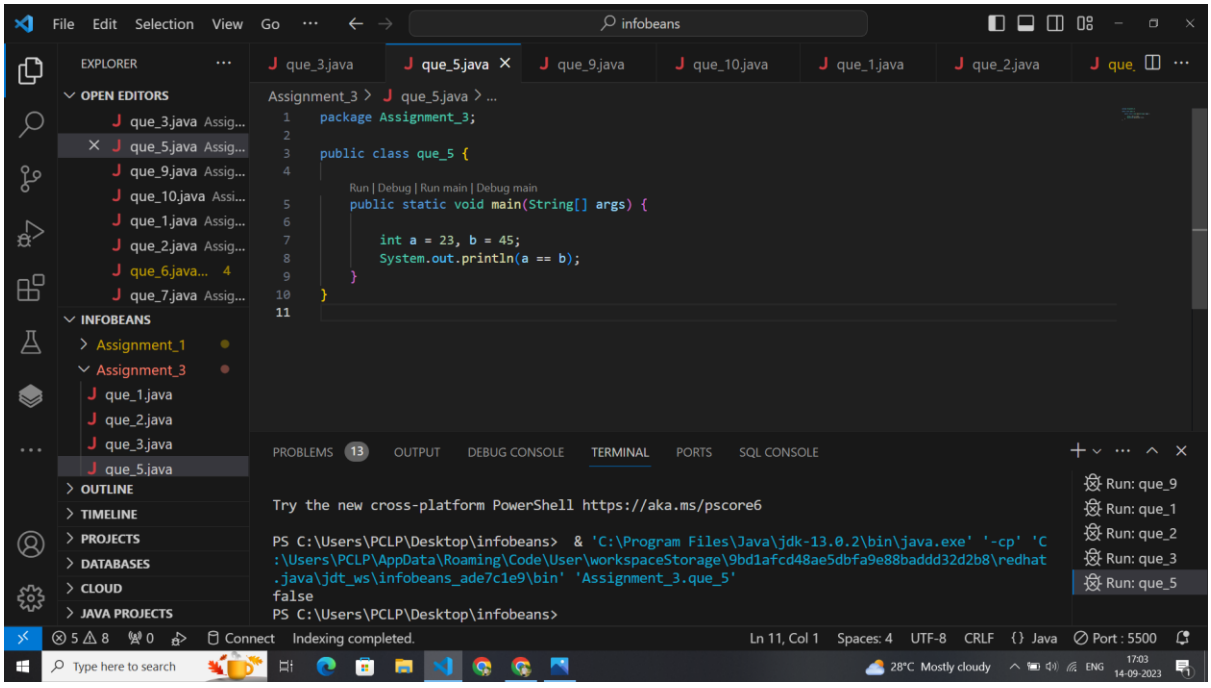
2.Write a program to calculate the perimeter of a triangle having sides of length 2,3 and 5 units.



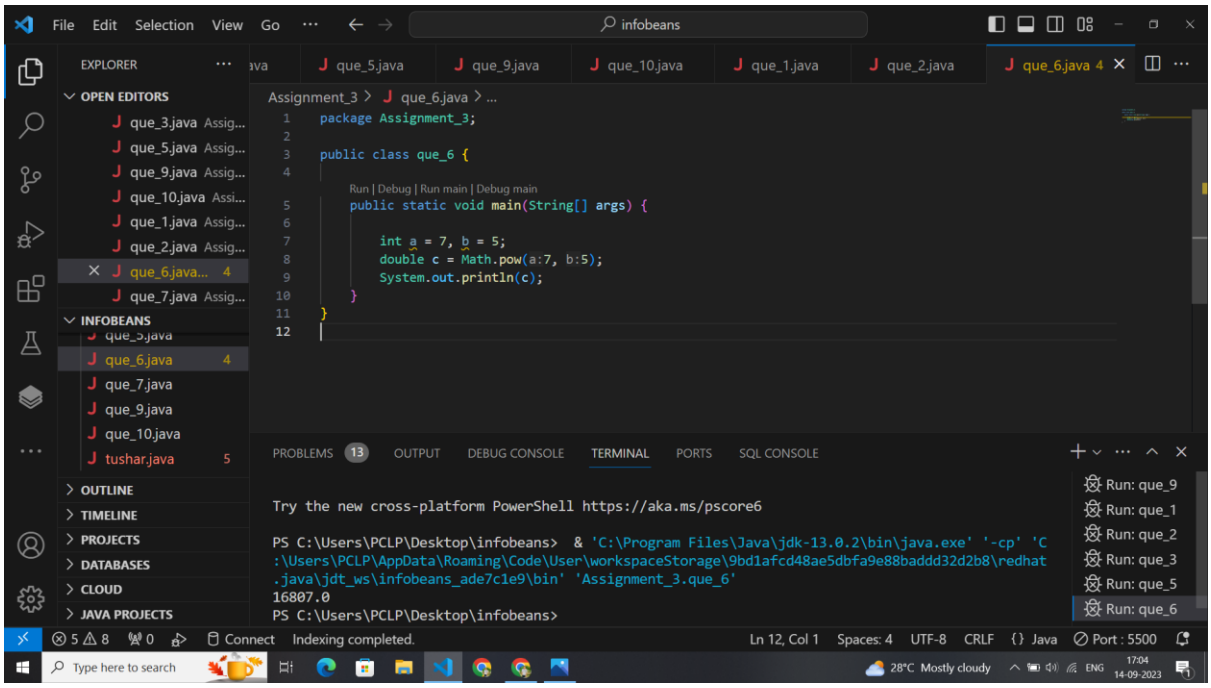
3. Write a program to add 8 to the number 2345 and then divide it by 3. Now, the modulus of the quotient is taken with 5 and then multiply the resultant value by 5. Display the final result.



5. Write a program to check if the two numbers 23 and 45 are equal.

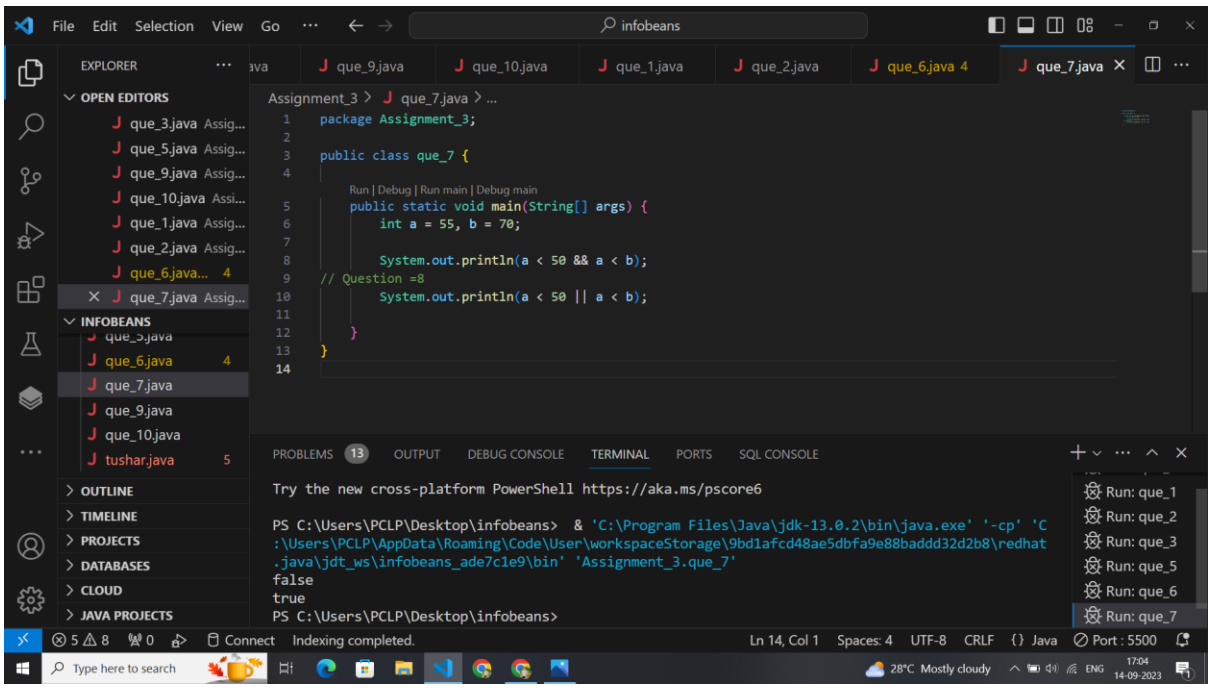


6. Write a program to print the power of 7 raised to 5.



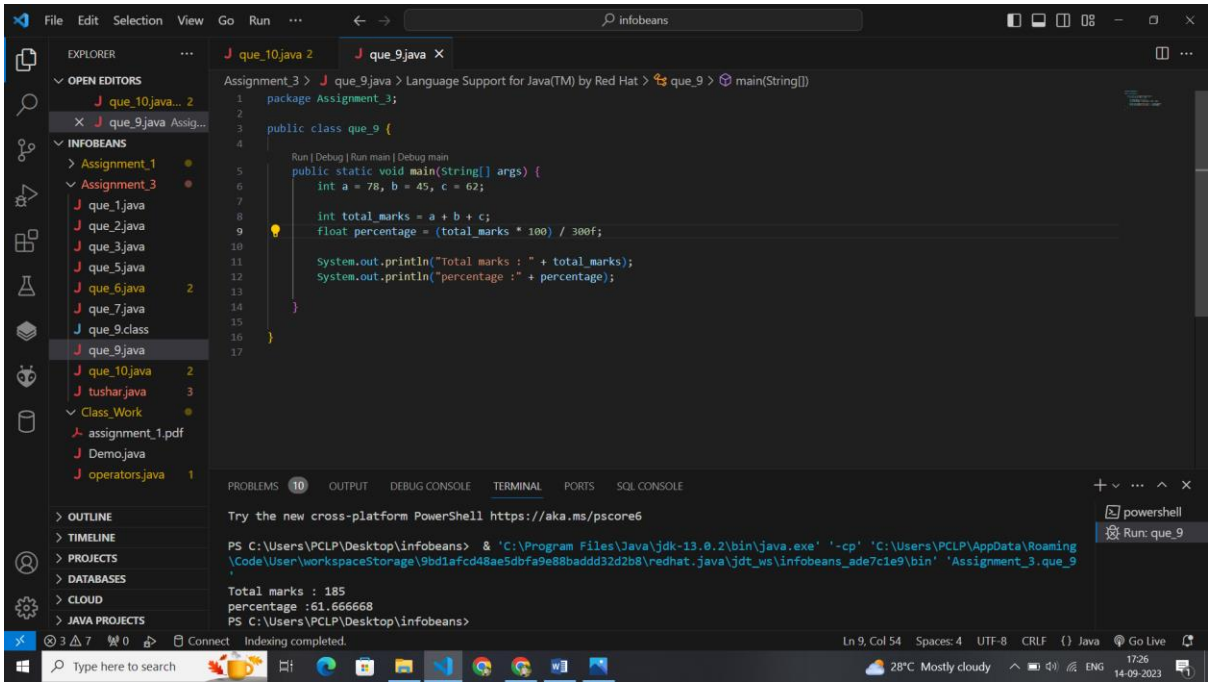
7. Assign values of variables 'a' and 'b' as 55 and 70 respectively and then check if both the conditions 'a <50' and 'a < b' are true.

8. Now solve the above question to check if atleast one of the conditions 'a < 50' or 'a < b' is true.



9. If the marks of Robert in three subjects are 78,45 and 62 respectively (each out of 100), write a program

to calculate his total marks and percentage marks.



10 .The total number of students in a class are 90 out of which 45 are boys. If 50% of the total students secured grade 'A' out of which 20 are boys, then write a program to calculate the total number of girls getting grade 'A'.