

ASSIGNMENT - 1

1. Create a program that declares and initializes all primitive data types in Java and prints their default and assigned values.
2. Write a program to convert an int value to double automatically and display both values.
3. Write a program to convert a double value to int using typecasting and explain the data loss.
4. Write a program to calculate the average of three int numbers using typecasting to display the result in double.
5. Write a program to demonstrate binary, octal, hexadecimal, and floating-point literals in Java.
6. Write a program to display character and string literals along with their ASCII values.
7. Write a program that uses boolean literals to control program flow in an if-else statement.
8. Write a program to perform addition, subtraction, multiplication, division, and modulus operations on two integer numbers and display the results.
9. Write a program to perform addition, subtraction, multiplication, division, and modulus operations on two integer numbers and display the results.
10. Write a program to compare two integers using all relational operators (`=`, `!=`, `>`, `<`, `>=`, `<=`) and display the results.
11. Write a program to check if a number is positive and even using logical operators (`&&`, `||`, `!`).
12. Write a program to demonstrate the use of assignment operators (`=`, `+=`, `-=`, `*=`, `/=`, `%=`) on two integers.