Task 2.

2.1. Check That the given number is positive or negative.

2.2. WAP to determine the day of the week based on a number(1 for Monday, 2 for Tuesday, etc.) using switch case.

2.3. WAP to find the minimum of three numbers using ternary operator.

2.4. Write a program to check if a given number is both even and greater than 20.

2.5. Write a Java program to calculate the Phone Bill based on the number of minutes used. The first 50 minutes are free, the next 100 minutes cost 1 Rs. per minutes and any additional minute's cost 2 Rs. per minutes.

2.6. WAP to calculate the total fare of a train journey based on distance travelled. For the first 50 km, the fare is 3 Rs/km, for the next 100 km, the fare is 2 Rs/km, for the next 150 Km the fare is 1.5 Rs/km and any distance beyond 300 km is charged at 1 Rs/km, if the total distance exceeds 500 km, provide a 10% discount on the total fare.