

## Algorithm

1. A print statement is created for console instructions for the users
2. mph is declared and initialized taking in user input while giving user instructions
3. cSpeed is declared and initialized taking in user input while giving user instructions
4. Gender is declared and initialized taking in user input for int
5. **IF** cSpeed greater than Mph
6. difference variable declared and initialized by `(cSpeed - mph) * 5`
7. Difference declared and initialized by `difference + 50`
8. **\_ Nested IF** cSpeed greater than 90 and mph is greater than 90
9. **THEN** difference is initialized from difference + 200
10. Print messages are sent to the screen
11. **IF** cSpeed less than mph
12. **THEN** print messages are sent to screen

End