Algorithm

1. Ask user to input the number of miles they will travel, creating the variable miles\_travelled
2. miles\_travelled is converted to an integer
3. Ask user to input the miles per gallon of their car, creating the variable miles\_per\_gallon
4. miles\_per\_gallon is converted to an integer
5. Ask user to input the cost of a gallon of gas, creating the variable gas\_cost
6. gas\_cost is converted to an integer
7. create the variable total\_gas\_cost
8. Assign total\_gas\_cost to miles\_travelled divided by miles\_per\_gallon, which is then multiplied by gas\_cost
9. total\_gas\_cost is outputted to the user

blue = output

yellow = input

red = calculation