```mermaid
flowchart TD
    Start
    Start --> Display
    Display["Display my information
    Terrell Sowell
    CPT-168-A01
    "Calculate auto sales commission""]
    Display --> Declare
    Declare["Declare variables
    double totalsales=0.0
    double commissionRate=500.00
    double totalCommission=0.0"]
    Declare --> Input
    Input["Input
    "Please enter number of
    cars you sold?" totalSales"]
    Input --> Process
    Process["Process
    totalSales = sales
    commission=
    totalSales*commissionRate"]
    Process --> Output
    Output["Output
    "Your Commission is"
    commission
    "T H A N K Y O U""]
    Output --> Stop
    Stop
```

Start

Display my information
Terrell Sowell
CPT-168-A01
"Calculate auto sales commission"

Declare variables
double totalsales=0.0
double commissionRate=500.00
double totalCommission=0.0

Input
"Please enter number of cars you sold?" totalSales

Process
totalSales = sales
commission=totalSales*commissionRate

Output
"Your Commission is"
commission
"T H A N K Y O U"

Stop

Terrell Sowell
CPT 168-A80H
Lab 5 Flowchart-Pseudocode

An auto dealer is wants to have a program to prompt the user for the number of cars they sold. Calculate the commission amount as 500 dollars commission per car sold. Output is commission amount.

Pseudocode

Start
Display my information
    Terrell Sowell
    CPT-168-A01
    Calculate the gross
  Declare my variables
    double totalSales=0.0
    double commissionRate =500.00
    double totCommission=0.0
  Input
    "Please enter number of cars you sold?" totalSales
  Input
   Process
    commission =totalSales*500
Output
  "your Commission is" totalCommission
   "T H A N K Y O U"
Stop