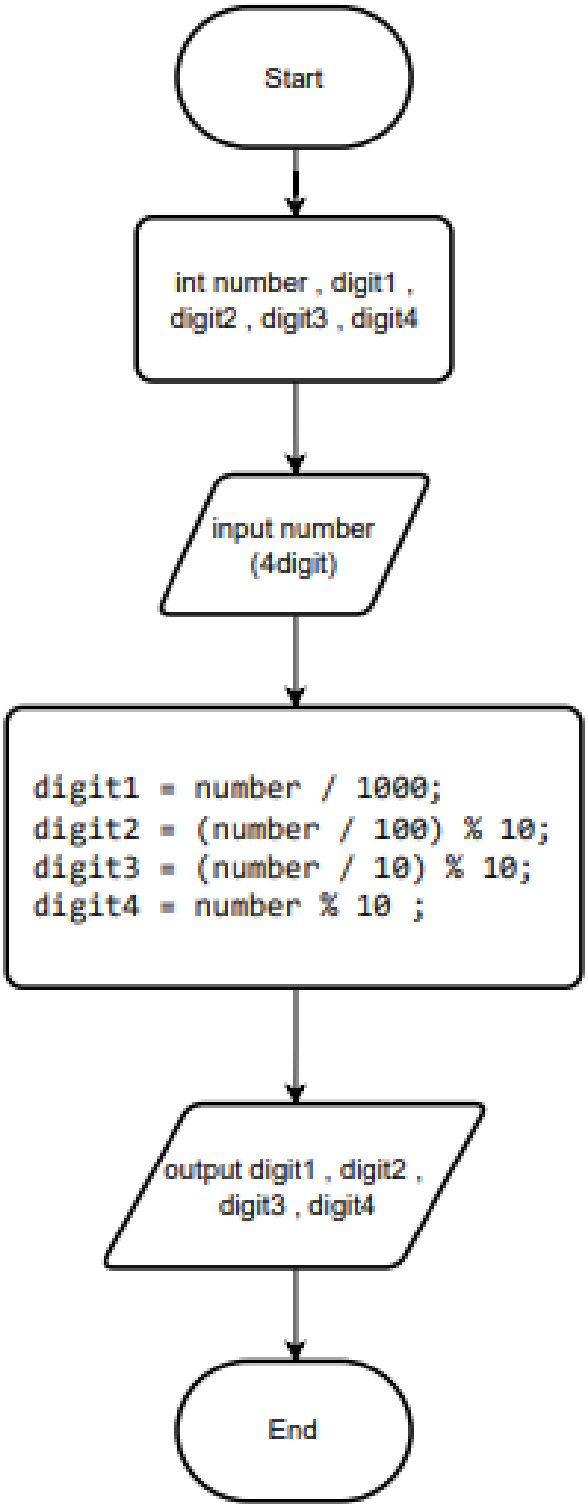
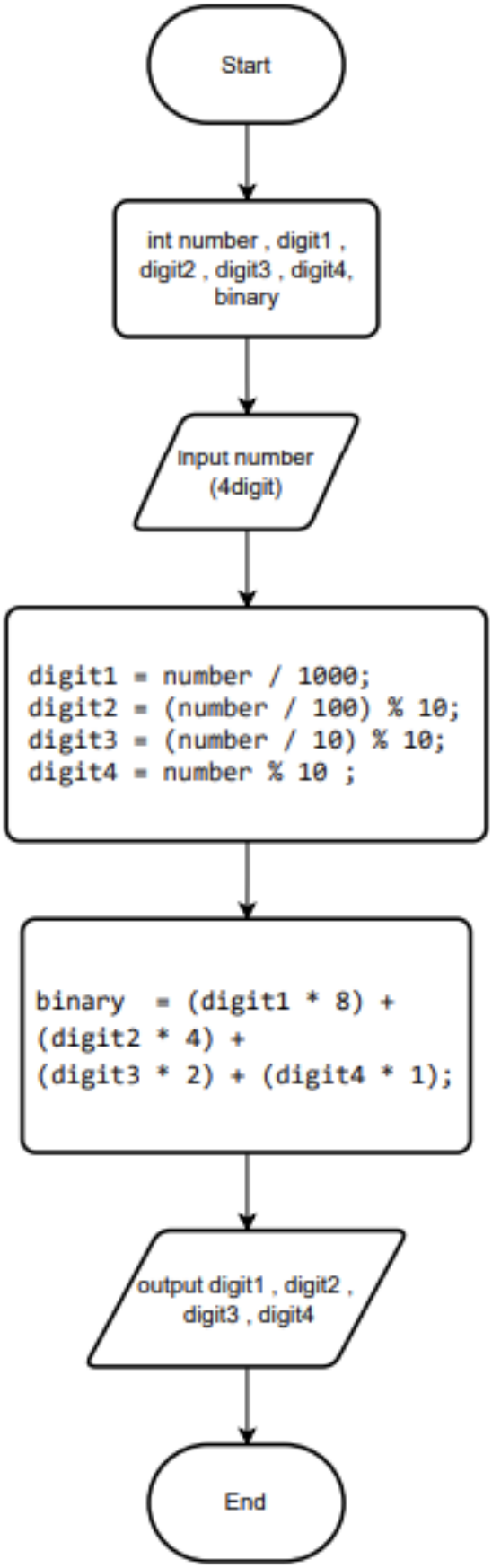
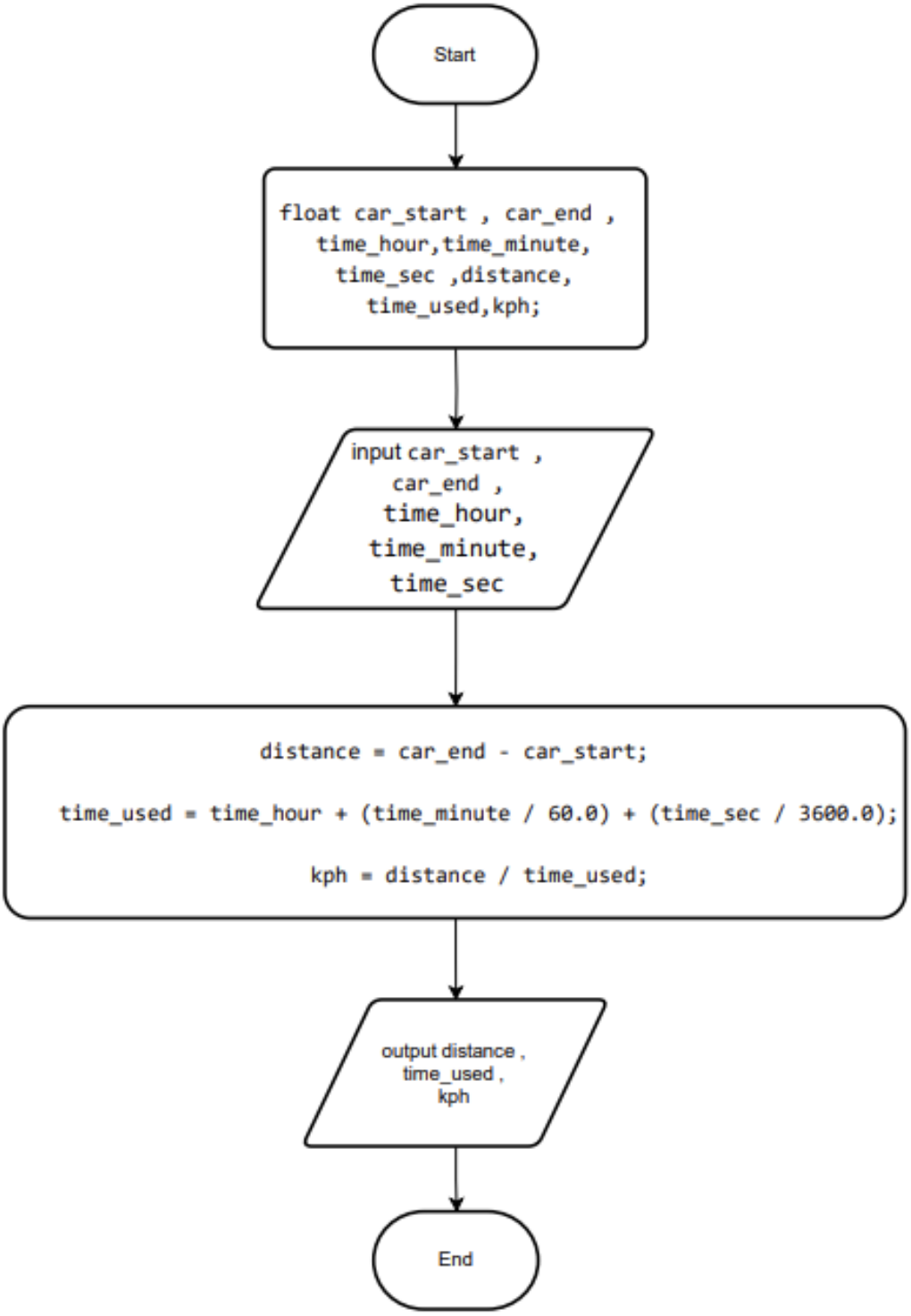

Start
int number , digit1 , digit2 , digit3 , digit4
input number (4digit)
digit1 = number / 1000;
digit2 = (number / 100) % 10;
digit3 = (number / 10) % 10;
digit4 = number % 10 ;
output digit1 , digit2 , digit3 , digit4
End

```cpp
#include <iostream>
using namespace std;

int main() {
    int number,digit1,digit2,digit3,digit4;
    cout << "Enter a 4-digit number: ";
    cin >> number;


    digit1 = number / 1000;
    digit2 = (number / 100) % 10;
    digit3 = (number / 10) % 10;
    digit4 = number % 10;


    cout << digit1 << "   "
         << digit2 << "   "
         << digit3 << "   "
         << digit4 << endl;

}
```


Start
int number , digit1 , digit2 , digit3 , digit4, binary
Input number (4digit)
digit1 = number / 1000;
digit2 = (number / 100) % 10;
digit3 = (number / 10) % 10;
digit4 = number % 10 ;
binary = (digit1 * 8) + (digit2 * 4) + (digit3 * 2) + (digit4 * 1);
output digit1 , digit2 , digit3 , digit4
End

```cpp
#include <iostream>
using namespace std;

int main() {
    int number,digit1,digit2,digit3,digit4,binary ;
    cout << "Enter a 4-digit number: ";
    cin >> number;


    digit1 = number / 1000;
    digit2 = (number / 100) % 10;
    digit3 = (number / 10) % 10;
    digit4 = number % 10;


    cout << digit1 << "   "
         << digit2 << "   "
         << digit3 << "   "
         << digit4 << endl;

    binary  = (digit1 * 8) + (digit2 * 4) + (digit3 * 2) + (digit4 * 1);

    // Print the decimal value
    cout << "Decimal value of " << digit1 << digit2 << digit3 << digit4 << " = " << binary  << endl;

}
```


Start
float car_start , car_end ,
time_hour,time_minute,
time_sec ,distance,
time_used,kph;
input car_start ,
car_end ,
time_hour,
time_minute,
time_sec
distance = car_end - car_start;
time_used = time_hour + (time_minute / 60.0) + (time_sec / 3600.0);
kph = distance / time_used;
output distance ,
time_used ,
kph
End

```cpp
#include <iostream>
using namespace std;
int main() {

    float car_start , car_end , time_hour,time_minute,time_sec ,distance,time_used,kph;

    cout << "car start : ";
    cin >> car_start;

    cout << "car end : ";
    cin >> car_end;

    cout << "enter time (hour minute second) : ";
    cin >> time_hour >> time_minute >> time_sec ;


    distance = car_end - car_start;
    time_used = time_hour + (time_minute / 60.0) + (time_sec / 3600.0);

    kph = distance / time_used;

    cout << "Car traveled " << distance << " kilometers in "
         << time_hour << " hrs " << time_minute << " min " << time_sec << " sec." << endl;
    cout << "Average velocity was " << kph << " kph." << endl;
}

```