Implement the code using C language for the problem statement.					
A commuter wants to know the travel details for the specification given below:					
Source Location:					
Destination location:					
Speed of vehicle (Km/Hr):					
Key landmarks:					
The task assigned for me is:					
Calculate time of travel and retrieve the distance, time and direction details using given landmarks.					
Description of task:					
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Problem Statement:

```
int time;
 time = distance1 / speed1;
return time;
};
int main()
  int choice, speed, distance[5]={2210,1422,1485,838},duration;
     char sourceloc[5][70]={"Chennai"," Delhi","Hyderabad","Banglore"},destination[5][70] = {"delhi",
"Mumbai", "Kolkata", "Pune"},landmarks[5][100] = {"Nagpur, Agra", "Surat, Jaipur", "Vizag, Khargpur",
"Belgaum, Satara"};
  while (1)
  {
  printf("\n SELECT YOUR CHOICE");
  printf("\n 0 - Chennai to delhi");
  printf("\n 1 - Delhi to Mumbai");
  printf("\n 2 - Hyderabad to Kolkata");
  printf("\n 3 - Banglore to Pune ");
  printf("\n 4 - Exit ");
  scanf("%d", &choice);
  if(choice == 4)
   {
    printf("Exiting... \n");
```

```
return 0;
 }
else if(choice>4 || choice <0)
       printf("Choose again");
       continue;
       }
printf("Enter the speed of vehicle");
 scanf("%d", &speed);
 duration=timetaken(speed,distance[choice]);
printf("\n Source Location: %s",sourceloc[choice]);
printf("\n Destination location: %s",destination[choice]);
printf("\n Key landmarks via : %s",landmarks[choice]);
printf("\n Speed of vehicle (Km/Hr) :%d",speed);
printf("\n Distance : %d Km",distance[choice]);
printf("\n Time : %d Hrs ",duration);
printf("\n");
};
return 0;
```

Output:

SELECT YOUR CHOICE

- 0 Chennai to delhi
- 1 Delhi to Mumbai
- 2 Hyderabad to Kolkata
- 3 Banglore to Pune
- 4 Exit 0

Enter the speed of vehicle 100

Source Location: Chennai

Destination location: delhi

Key landmarks via: Nagpur, Agra

Speed of vehicle (Km/Hr):100

Distance: 2210 Km

Time: 22 Hrs

SELECT YOUR CHOICE

- 0 Chennai to delhi
- 1 Delhi to Mumbai
- 2 Hyderabad to Kolkata
- 3 Banglore to Pune
- 4 Exit 1

Enter the speed of vehicle 100

Source Location: Delhi

Destination location: Mumbai

Key landmarks via : Surat, Jaipur

Speed of vehicle (Km/Hr):100

Distance: 1422 Km

Time: 14 Hrs

SELECT YOUR CHOICE

0 - Chennai to delhi

1 - Delhi to Mumbai

2 - Hyderabad to Kolkata

3 - Banglore to Pune

4 - Exit 2

Enter the speed of vehicle 100

Source Location: Hyderabad

Destination location: Kolkata

Key landmarks via: Vizag, Khargpur

Speed of vehicle (Km/Hr):100

Distance: 1485 Km

Time: 14 Hrs

SELECT YOUR CHOICE

- 0 Chennai to delhi
- 1 Delhi to Mumbai
- 2 Hyderabad to Kolkata
- 3 Banglore to Pune
- 4 Exit 3

Enter the speed of vehicle 100

Source Location: Banglore

Destination location: Pune

Key landmarks via : Belgaum, Satara

Speed of vehicle (Km/Hr):100

Distance: 838 Km

Time: 8 Hrs

SELECT YOUR CHOICE

- 0 Chennai to delhi
- 1 Delhi to Mumbai
- 2 Hyderabad to Kolkata
- 3 Banglore to Pune
- 4 Exit

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