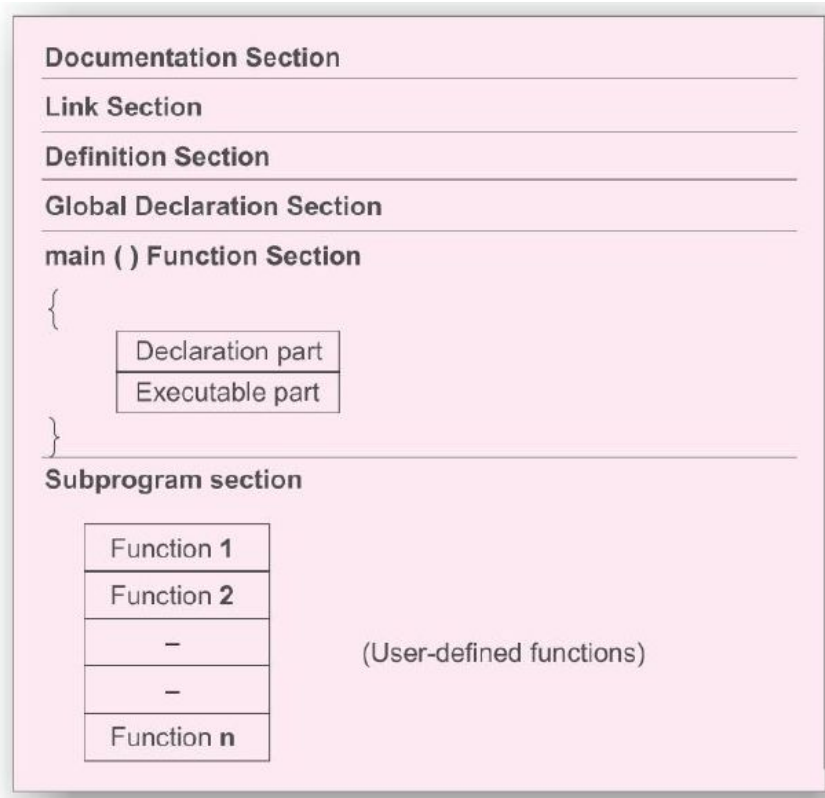
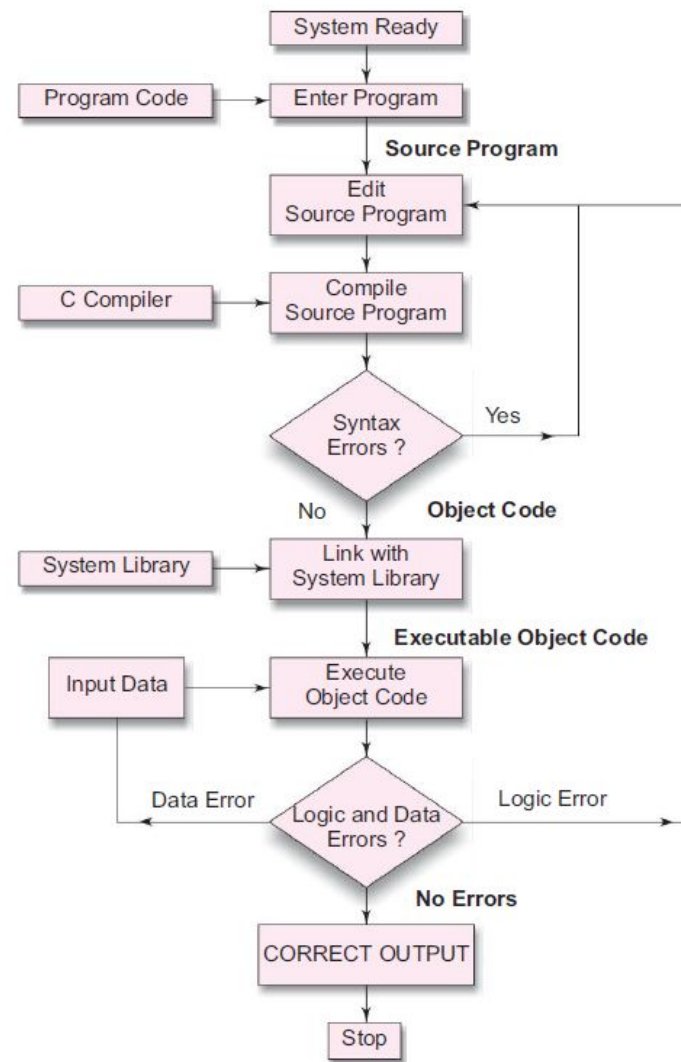


Basic Structure



Execution Sequence



Distance conversion

```
#include<stdio.h>

int main() {

    float km = 1;

    float meters;

    printf("Distance in km: %5.2f \n", km);

    meters = km * 1000;

    printf("Distance in meters: %5.2f \n", meters);

    return 0;

}
```

```
#include<stdio.h>

int main() {

    float km, meters;

    printf("Enter Distance in km:\n");

    scanf("%f", &km);

    meters = km * 1000;

    printf("Distance in meters: %5.2f \n", meters);

    return 0;

}
```

Calculate Simple Interest

```
#include<stdio.h>

int main() {

    float principle, rate, time, simpleInt;

    printf("Enter principle, rate, and time respectively:\n");

    scanf("%f %f %f", &principle, &rate, &time);

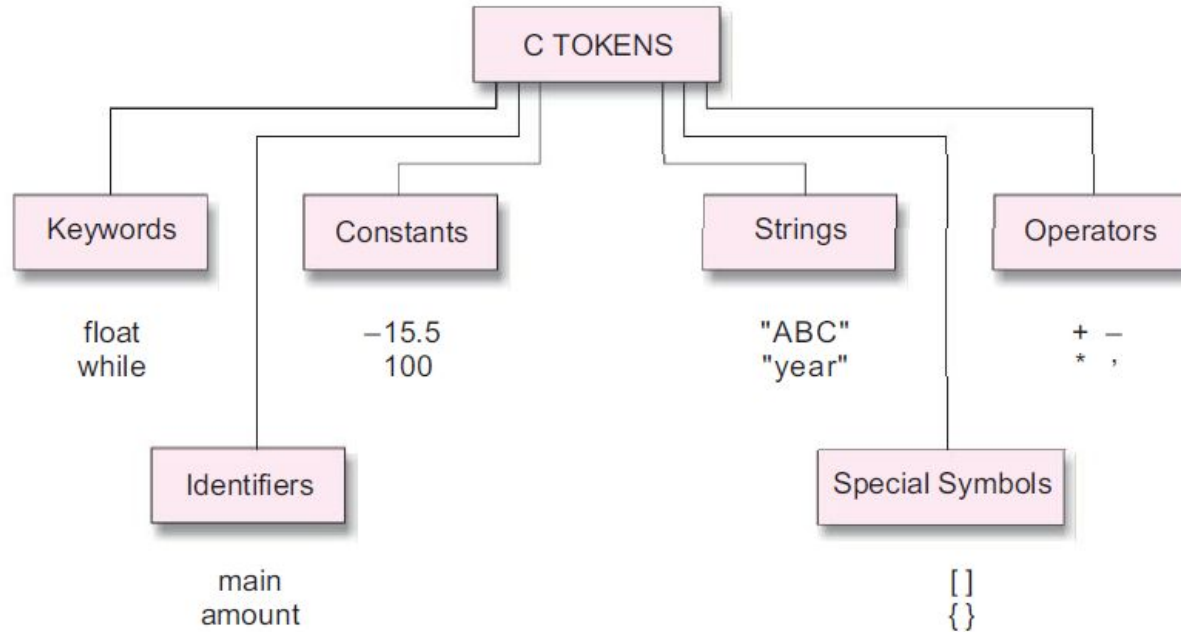
    simpleInt = (principle * rate * time)/100;

    printf("Simple Interest: %5.2f \n", simpleInt);

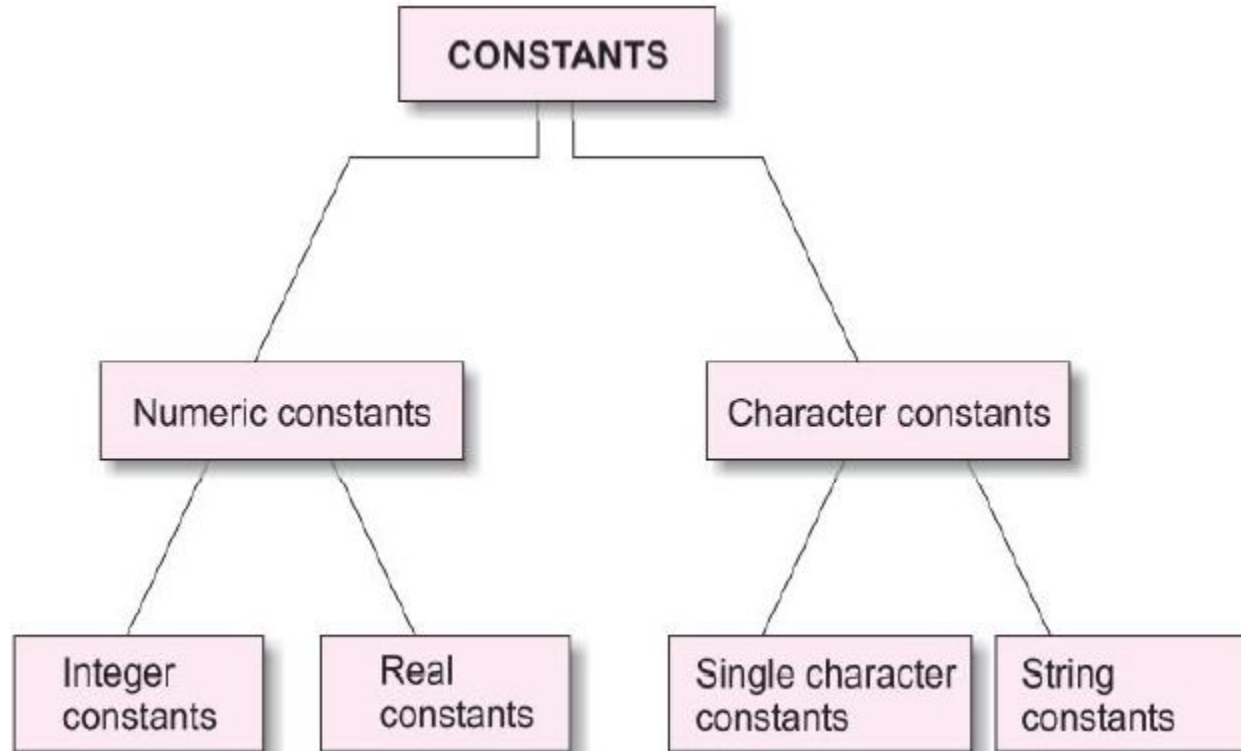
    return 0;

}
```

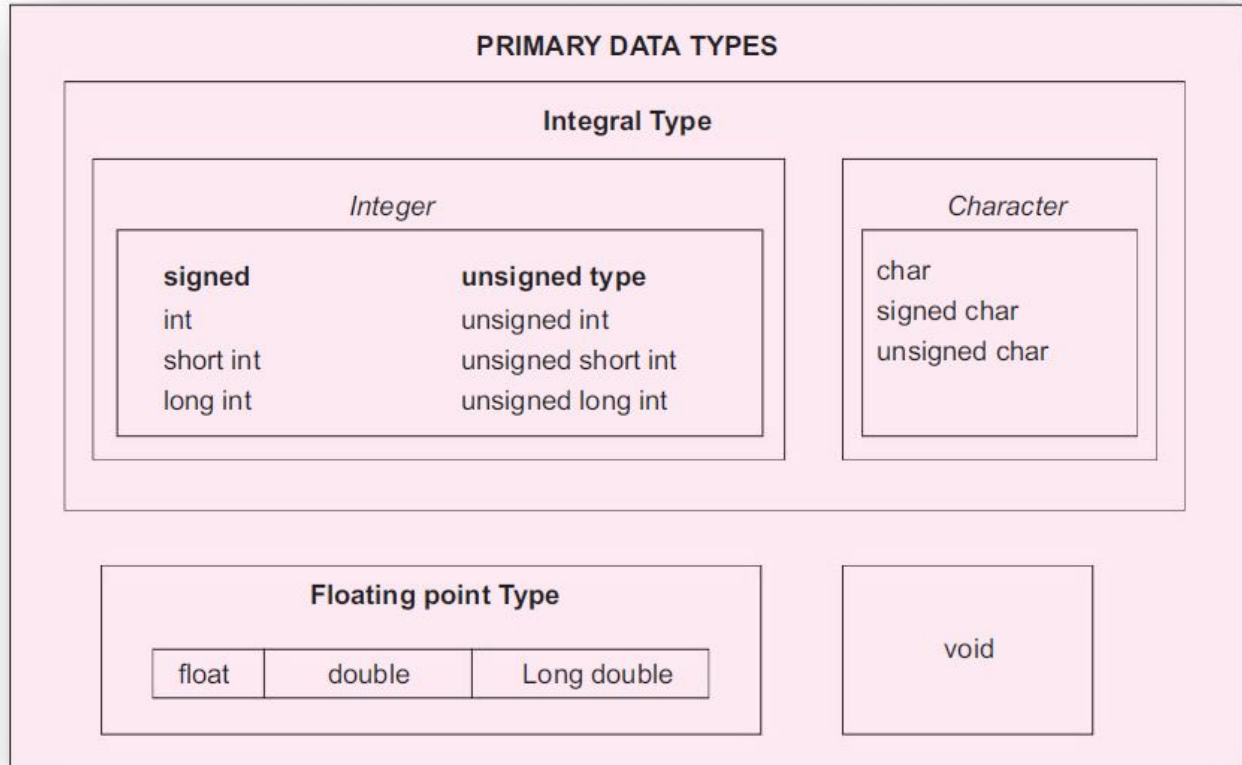
C Tokens



Constants



Data Types



Range

<i>Data type</i>	<i>Range of values</i>
char	–128 to 127
int	–32,768 to 32,767
float	3.4e–38 to 3.4e+e38
double	1.7e–308 to 1.7e+308