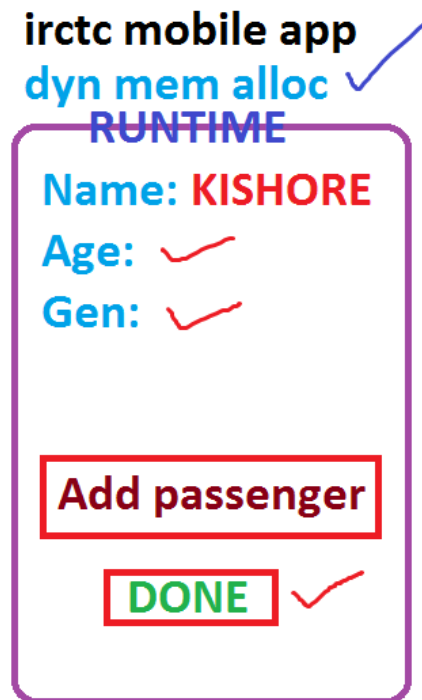
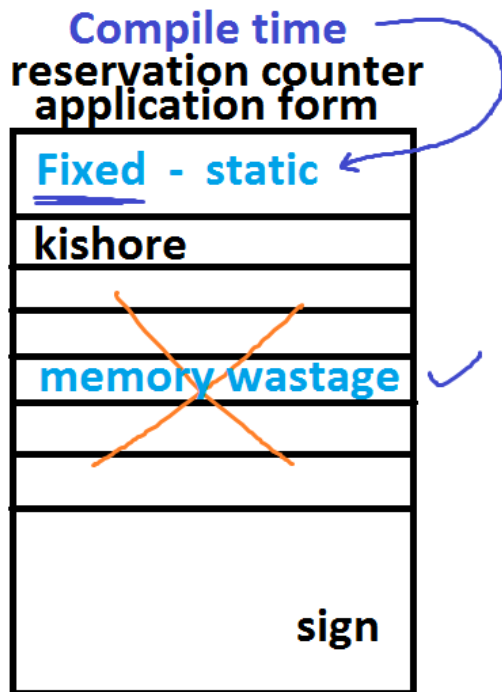


- C comes with several predefined / library / built-in functions.
- C supports user defined functions.
- Dynamic memory allocation

The memory allocated in 2 ways.

1. Static memory allocation
2. Dynamic memory allocation



- C is simple because of it is high level language, i.e. created in **simple English**.
- C is **middle level language**. i.e. comes with both low level and high level features.

Low level features allows to design system software like operating system, device drivers, translators,...

High level features used to design Application software like ms-office, tally, oracle,.....

Hence c is a multi-purpose language.

FUNDAMENTALS OF C

C character set:

English language

26 characters

Alphabets

Java/.Net/Python

Dictionary Words

sentences

paragraphs

documents

C Language

256 characters

ASCII characters [American Standard Code for Information Interchange]

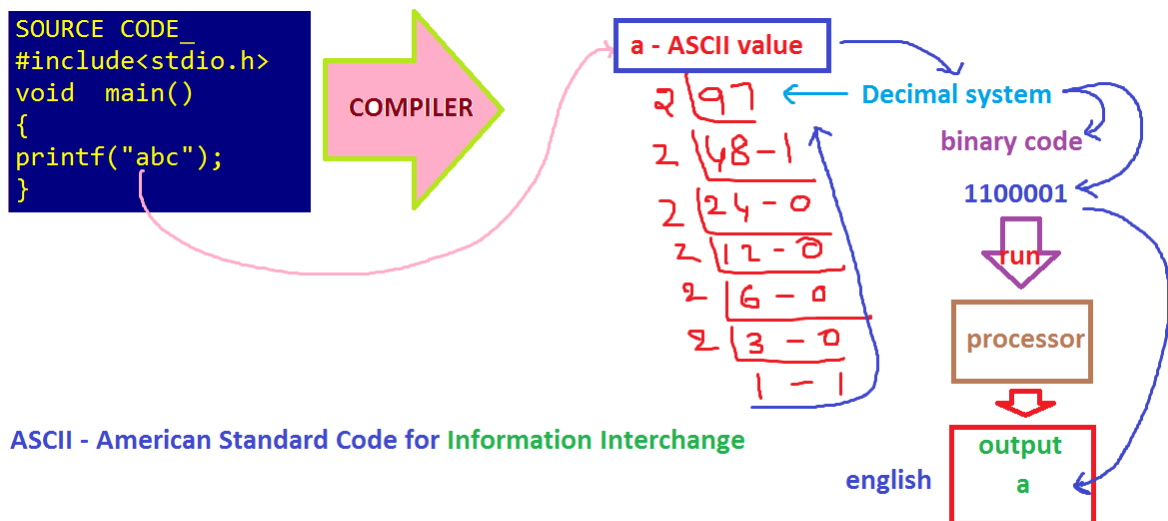
UNICODE - 65536 - [WEBPAGES IN MULTI-LANG]

keywords - 32

instructions.

programs

software



Every programming languages having a particular character set and by using of this only we can design the programs. C uses ASCII [American Standard Code for Information Interchange] character set designed by IBM Corporation, which consists of **256** characters. In this we are having **52** alphabets [a-z, A-Z], **10** digits [0-9], **44** operators, **14** separators and remain all are special characters.

Characters	ASCII values
a-z	97-122
A-Z	65-90
0-9	48-57
*	42
+	43
Space	32
Tab key	9
Back space	8
Esc	27
Enter	10