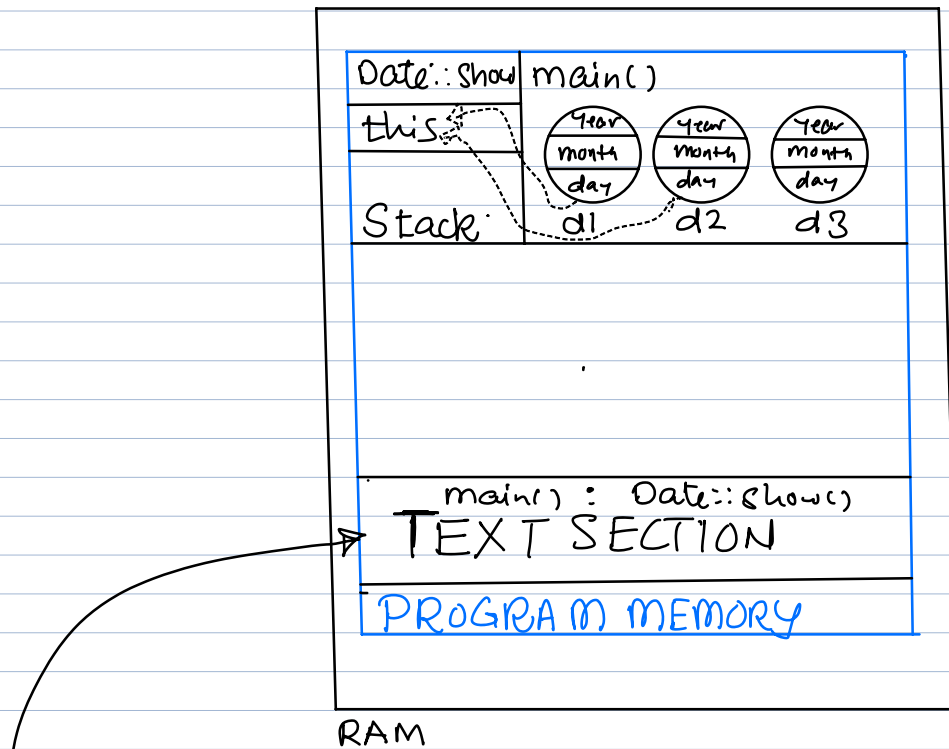
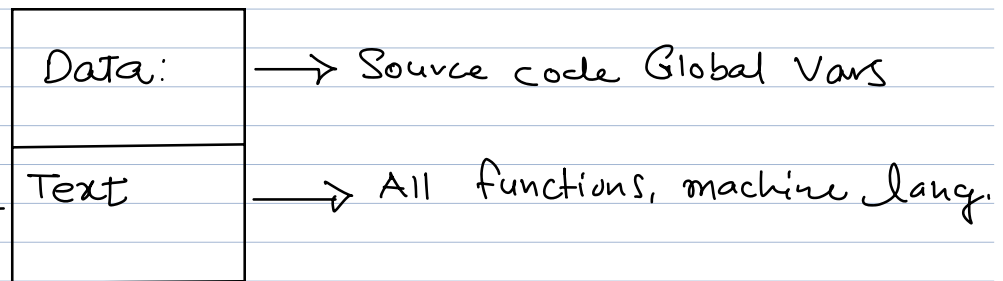


app.exe



Exe:



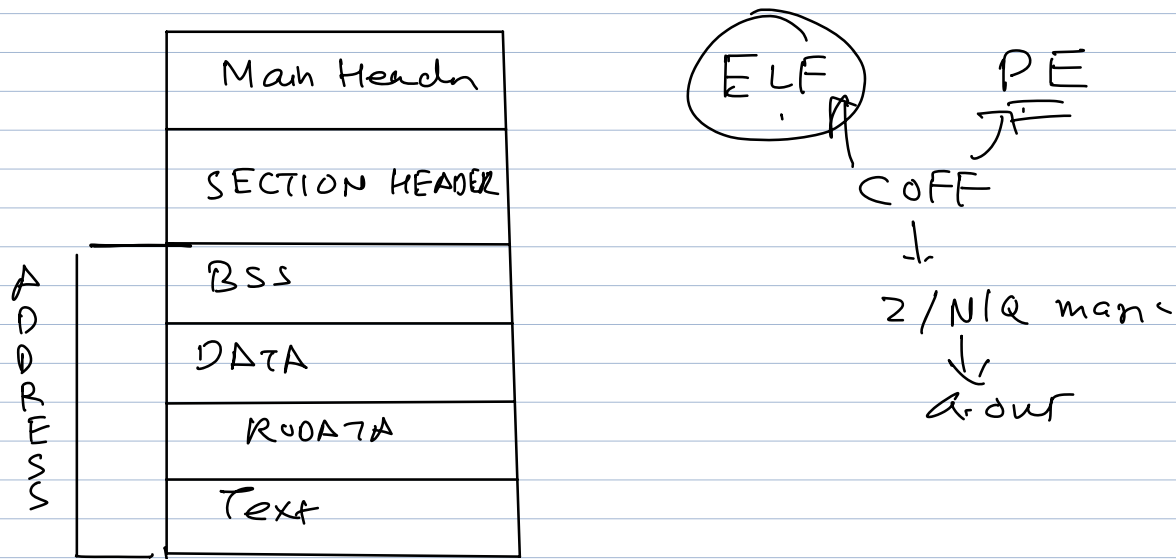
main()
Date::show()

1) Text = All Functions: Machine lang.

2) Rodata: Global const variable, local static + Const, String

3) Data: Global initialized variable

4) BSS: Global Uninitialized variable.
BSS: block started by symbol



EXECVE() CreateProcess()

C Programming:

- 1) Ajay Mittal C
- 2) Understanding and Using C Pointers -> Richard Reese
(help: advanced C Pointer workshop of CPA)

Basic DSA

- 1) Array based techniques:
dynamically resizable array, array based stack, queue, dequeue

Assembly Language

- 1) Professional Assembly Language : Richard Blum

Linkers & Loaders (John Levin)

Advanced C/C++ Compiling (STRONGLY RECOMMENDED)

System Call Interface:

- 1) Linux System Programming -> Robert Love
 - 2) Advanced Programming Under Unix Environment -> W. Richard Stevens (!)
- OR
- Linux System Programming -> KIWAN BIILIMORIA (RECOMMENDED)
 - 3) The Linux Programming Interface -> Michael Kerrisk
- (After C : You can start this book)

Operating System Concepts:

- 1) Computer Organization : Zaky or Stalling
- 2) Modern Operating System : Andrew Tanenbaum

Linux Kernel Module Programming Guide (KERNEL PROGRAMMING INTRO ENOUGH)

+

Linux Kernel Development by Robert Love

#-----

DOS ENVIRONMENT SET UP : PETER ABEL : IBM PC Assembly Language

Advanced 80386 programming by James Turley

Understanding the Linux Kernel

- 2nd Chapter: MEMORY MANAGEMENT
- 3rd PROCESSES
- 4th Interrupt

NIRVANA

C++ Primer: 4th edition (Liepmaan)

Template Programming : The Complete Guide 1st Edition

Inside COM -> Del Rogerson

Stroustrup : 4th Edition

C++ Move Semantics

C++ 17: The Complete Guide

Template Programming : The complete guide :2nd edition

C++ 20: The Complete Guide

```
class Date // class definition (= server)
{
    public: // SERVER CODE
        int day;
        int month;
        int year;
        void show()
        {
            cout << day << "/" << month
                << "/" << year << endl;
        }
};
```

```
int main(void)
{
    Date d1; // class Date Instantiation
    Date d2; // CLIENT
    Date d3;
}
```

Act of creating object from class

is called as Instantiation of Class

इंस्टान्सिएशन

Instantiation = Act of making an instance

Date

