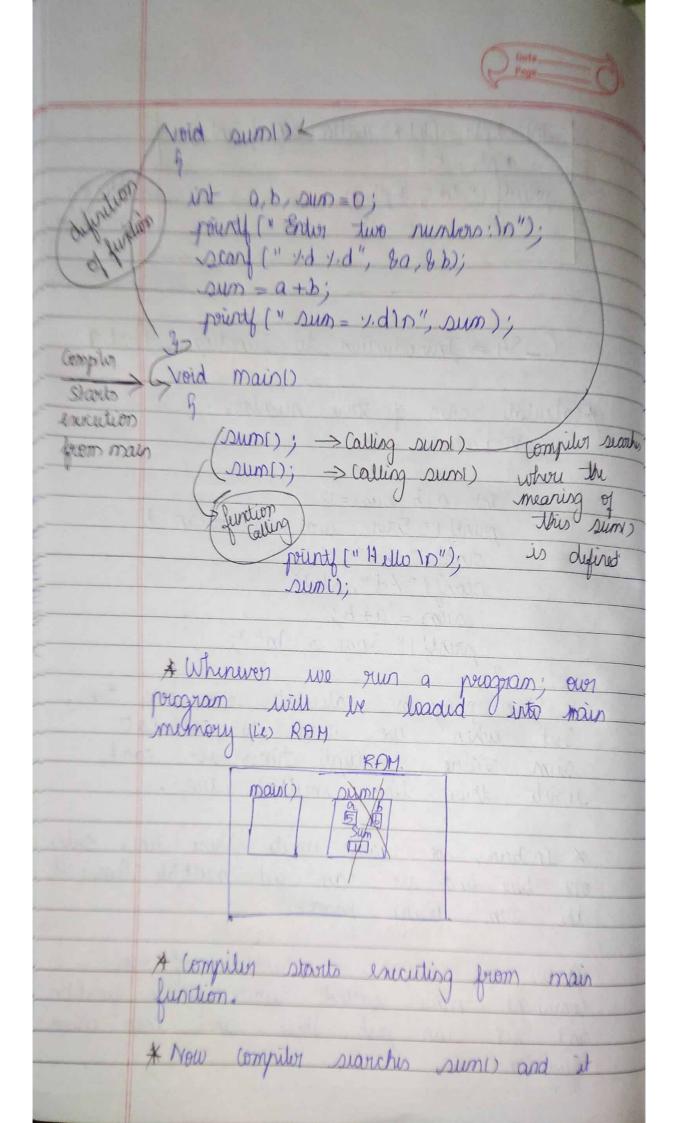
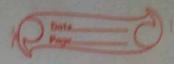
C\_84 - Introduction to functions Part 1 \* calculate sum of two numbers:int a, b, sun = 0; print (" Enter two numbers: In"); sian ("1.d", &a); Dlanf ("/d", &b); sum = a+b;3 prints (" Sum is: In"); but when we need to calculate sum value multiple times, ur san't write times times. Instead, we can write these lines only on time and we can get multiple times the sum using functions. convinent name called usur defined function and we can put these lines into these functions.



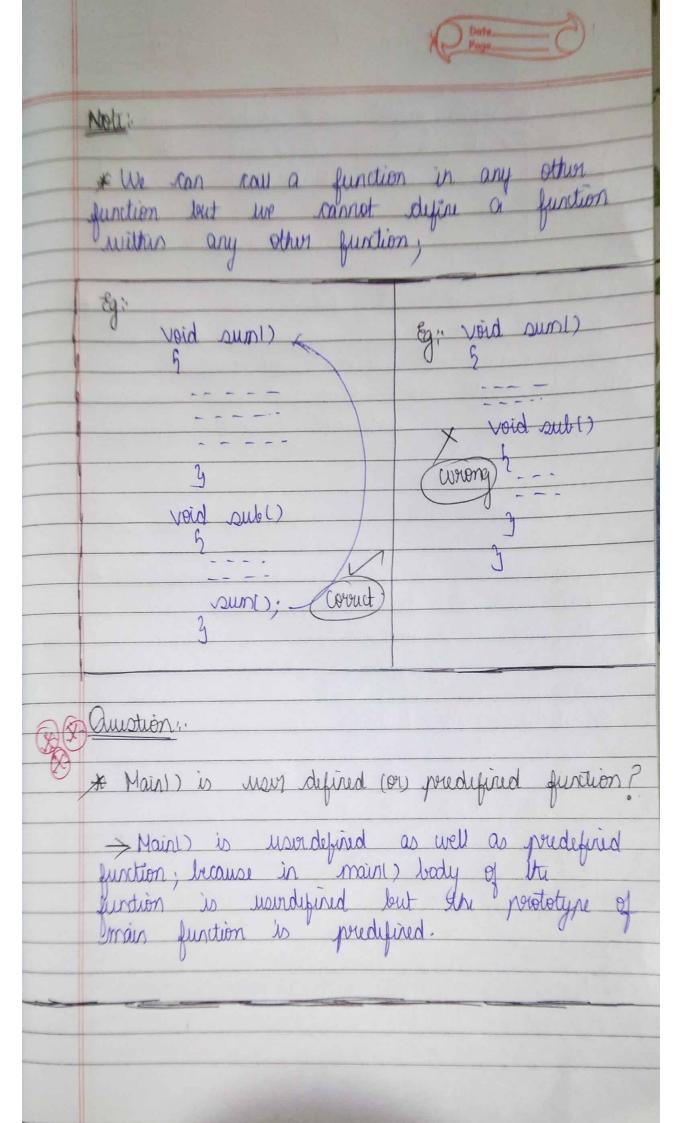


so then loaded into main memory and after the sums is finished; the black sums is vanished from the memory solution variable a, b, sum buox these an local variables. again; then simply write main function again sum; Now again for sum; function minory is allocated and when encution Completed; sum!) Varishes. Functions? \* Functions mainly supports reusability; we can write a task one time and ley calling a function; we can run it \* Functions or also called as modules or sule programs. \* Its easy to test or dubing the JE supports better menory allocation \* pourte 1, score ou prudefined juxtions or which are defined in header files



which takes an input; then process it and gives us output. Program Circuia bior int a,b, sun =0; printy (" Enter two numbers:"); san [" 1.2 % d ", Ja, 86); sum = a+b;

print (" sum = 1.d", sum); void main() Suml); pounty "hillow"). sumi); Jumi); Enter two runbers: 15 quilby 19 take at month of & Dun = 14. Hula. Erter two numbers. 4 5 Dum = 9. country out rubing 3 2 sun = 5



## PROBLEM 1:

```
#include <stdio.h>
     #include <stdlib.h>
 2
    /** 1-FUNCTIONS-PART 1 **/
 3
 4
     void sum()
5
    □ {
 6
      int a,b,sum=0;
 7
      printf("Enter two numbers:\n");
      scanf("%d %d", &a, &b);
8
9
      sum=a+b;
      printf("Sum is %d\n", sum);
10
11
12
     int main()
13
14
         sum();
15
         printf("Hello\n");
16
         sum();
17
         sum();
18
         getch();
19
20
```

## ■ "D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5\_Jennys Lectures\PART

```
Enter two numbers:
2
3
Sum is 5
Hello
Enter two numbers:
3
2
Sum is 5
Enter two numbers:
2
Sum is 5
Enter two numbers:
2
3
Sum is 5
```