Functions Ly a block of code / sub program That is linked to a well-designed task why? If we don't use functions Revsability Readability Readability No revsability Duggy code

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Sing.

has been successfully executed

Simple function "Sundan Ko sundan; 73nd hou" Point 10 times void print Msg (0 for (i=0; ix10; i++){ coutex" Sundan Ko Sundani psnd hou" exendl; void printline () { int main () f coute " Hello"; I function call

return 0;

3

Function

13

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declare -> void print message();

int add Mumbers (int a, int b);

define -> int add Numbers (int a, int b) {

int sum = a + b;

return sum;
}

function Call -> printMessage()

-> function_nome

have to define A function definition for above function addington

Line 110 -> function call

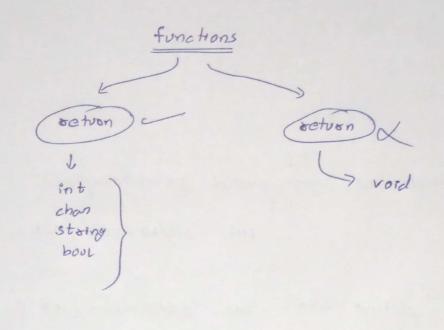
won't wook

if definition is

below the fundamentall

declare

Jebine)



entay point

int main() {

covt < "H;";

print A();

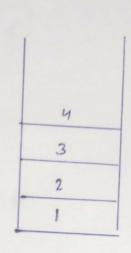
}

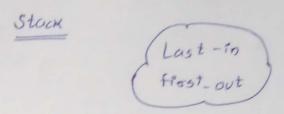
covt < "I am inside A";

}

Hi I am inside A

Function Call Stack





D->

C->

B->

LIFO

ordering

int main () {

cout ("inside main";

print A ();

cout("Back in main";

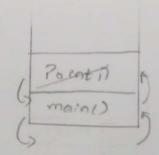
return 0;

void printA() {

coutex "inside A"

coutex" going back to

main";



int main () {

point A();

point B();

point B();

}

point C();

point C();

THE

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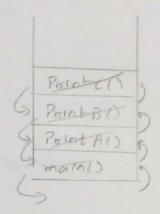
TO S

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5



point C() {

coutex "Inside c";

3

void printsum (int a, int b, int c) i int ans = a + b + c; coutex "sum is" << ans << end L;

3

int ans = a + b + c;

return ans;

3

ent main () f

int sum = pointsum (4,4,5); cout ex "Sum is;" ex sum ex endl;

seturn o;

3

633

6-3

5-3

1-3

9

5-3

1

5

5

190

1

1

1

9-13

1

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13

1

1

THE STATE OF

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7

7

- 1) Find max of three number a, b, c
- 1 Counting from 1 to N
- 1 Check prime no os not
- 4 Check even os Odd
- ⑤ sum of all No. upto 1→N
- (6) Sum of all Even nu. upto 1->N

Homework

function to find area of circle

function to find factorial of a No.

Print all prime no from 1->N

Print all digit of an Integer

Create a no. using digits

Point binary sep, of a decimal number of Convent Km into miles

Convent Faxbanheit to Celcius

Convent all set bits of a number

Check evenlodd using Bitwise

5555555555555555555