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C

Lec 6

Functions:

- A function is a set of statements that together Perform a specific task

محموقة من الجمل مع يعض ما لتستخدم لتنفيذ أمر معين

- Every c Program GASists of one or More Punctions أى بريامج ع يستكون من قاتكش أو ألثر

The main() function:

is mandatory for the c program because it is

The entry Point of your c code from where

gur program is executed. Runctional Comains

Advantages of Lunction:

Lincreases the modularity of the Program

A large Problem can be divided into sub Problems

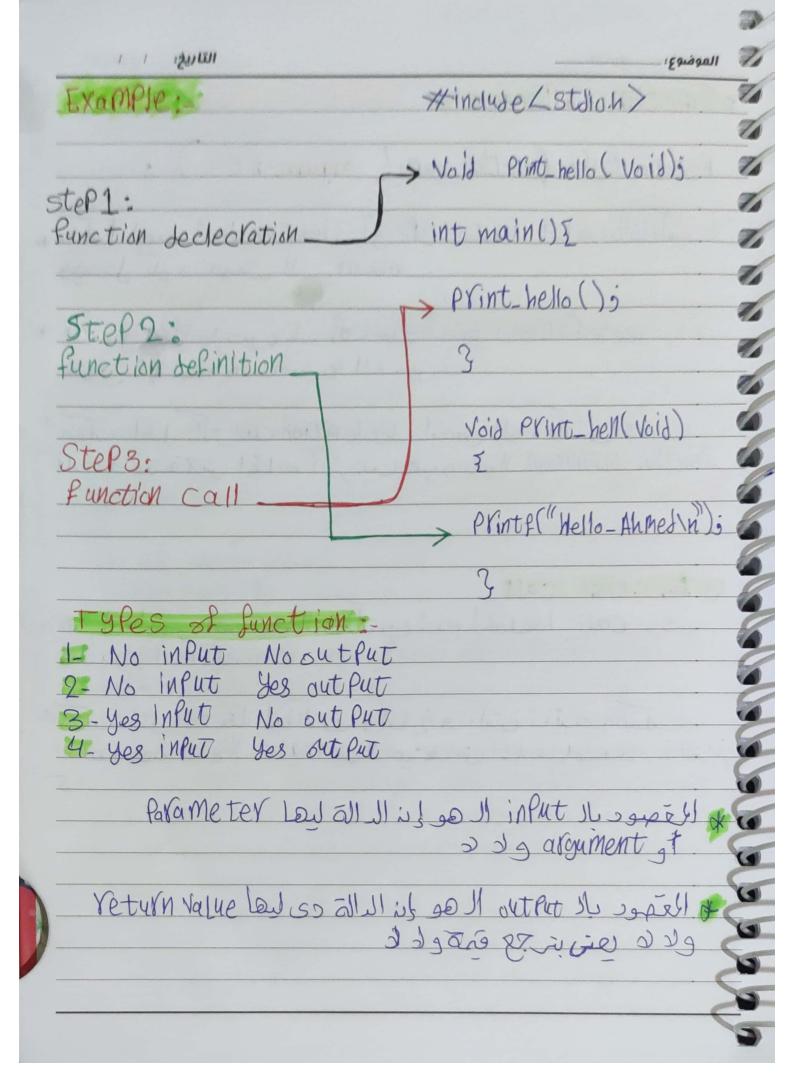
and then solved by using Lunction.

المانان برنامج لبر معلى تقسى الحمود من العانسي 2- increases the reusability because function ave reusable.

once you have created a function you can call it anywhere in the Program without copying and Pasting entire logic, so you son't need to write The same offe again and again

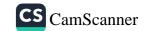






التاريخ الموضوي Void Suntion-name (Void

int main() Void Sunction-name (Void) 5 + Ratio land, the bioli-لى الأفضل إتك كليتما Punction_name(); 222 Void Punction name (vois) Statement 1; statement 2; 2-Noinfut Yes out Put 3 returntyPe function_name (void); 0 ٢ متعرفس لؤكم YETUYN type = function-name(); 100 0 > returnty Pe function_name (vois) & M State Ment 1; return (expression);



التاريخ: ١ ١ 3- Yes input No OltPut Void function name (type 1 avg, type avg, --); intomain () ? function_name (argument1, argument2, ----Vold function-name (type 1 avg, type 2 avg,. statements; 4- Jes infut yes out Put return type function name (type 1 arg, type 2 arg, int main() { متعرنقس نوع return type = function_name (arguments); eturn-type function name (type 1 arg, type arg, State Ments; etum (expression);

