Let's solve it



Type (asting (Data Type Casting) Conversión of interpretation w.z-to momory bytes. Implicit (Internally happens by it well) upgrade is upgrade 4 bytes > 2 bytes - 34 bytes donta 15 John 41500_ det (Hancasion)

Explicit (on purpose specially dune) Typecarting Explicit Anthmetic Type coots 1'w+ b=10; 01 (6,00) a/(float)b

for could always do Iteme, b is float throught. int 0.2(9) which might be Had 6=100; required. a/6; Float Anithmetic mixed make at Haut / b Hoat Urerall anithmentic will be float anthumble.

In programming there is armle "Ho mure, No less" Tour program can be future ready.

i-e #define PI 3.(4159

Application of Explicit Type Comming. Tmagine jan one given momory bytes. void to You can read one chare (char) one int_(lit)
one souble as per you chooce. Lauble) Jow will you do this? Explicit Type cooping

Conversion Hierarchy mossyned long long

1'ut a= float b= 10.50) a - b; //implicit downgrade a = (int) & Moplikitobourgude (not regined)

Sum = $\frac{\pi}{121}$ $\frac{1}{1}$ Develop a C program to tind syon. # Interpor V: flood withmotic

1 functions #include <math.h> 59rt z square root 2/2 pow (2, 1/2) 9

Managing Imput & output operations character?
integer ressi string (Sees Z) - Formalted I/O

character Test Functions Used for testiner what type of character the data is re-letter/alpha allohabet of XIVE XX MMONC Printeble or not

Application of chartest functions

> porsoon of negativerents/rules/
policies for security,

Input/ print(17,10d",n); scanf (17. wd)