

Ooks Concepts in Cft > Object -> entity >> State leg: Paul > rame > Tekken > Paul > Paul > 70. -> User Defined Datatype Closs -> Mero (ey) class Meso () proporties char name [106];

that health;

char level; > int main C) of

Hero hij

-> cont ce "size" << size of (h1) ; -> if object is entry the it allocates

1 byte of menory. -> To access vooriable in class. from main fuction. . Here In1; Rg: h1. health (); ( need to fullic) -> Access Modifica: Confy access in public (default in truet): Confy access in public (default in class):

Profected: > Setter & Getter Method.

> in class Hero () [

chas get name () [

return name; ] name

y from
private.

reflow can void set health (int h), () to set also used health = h; (health fin fairage mamber L getter y From outside -> in Main fuction. cout << " H1' health : "<< h1. gethealth << edl; => Dynamic Allocation. ly: "nt " = new int (); 9mt Main function = Mero h = new hero (); Cout ce " M1 health : " h-> health -> is used when Dynamic allocation is done) Constauctor:

Object vreste
i) No return type
\
2) Na insert parameter 3) Object Creation invoke.
eg: Hero. Ramesh (); by default.
Back side -> ( ramesh . Hero ())
To test ( una OV
defaulté Constanton weite > cont ce " Called contanton
in class.
To test  Lefaulti Constructor write > cont a " Called contanctor"  in class.
-> de just define a variable of Hero in
Main function-
-> Parameterized Constructor.
in class of Meso (int h, String 5) a
health = h;
Slevel = 5;
7
9n nain Hero initial (90, "Dom")
function control health eventus
(Prints = 90).

-> Copy Constauctor in doss > Nex » (const berod copy) : health (copy. health), livel ( copy level), name (lopy. Rame) { } in main \_ Hero Copy (h1);
Function (will print exactly some
as h1 values) h1 = 70 -> cont « copy. health «evall health ~ Copy Assignment Operator: 

Destauctor: To deallo call heap nomony
ly: ~ Hero () [  cont ca libertructor Called "exendl;
(Only Static Allocation has automatic distanctor)
Too Dynamic Jdelefe b;
-> Static key wood  -> make a variable in class-
Static Int time to - on plake;
Hero (enemy Both will some time to complete.

$\rightarrow$
Dota Member -> No need to access through object.
through object.
outside class (datatype classhame:: field name = value;) int Hero:: Eme To Complete = 5;
(datatype className:: field Name = value;)
int Hero :: Eme To Complete = 5;
(
suscution operator
> In Main function  > cout << Hero :: time to  Complete << nell;
> cout << Hero :: time to
Complete <<
hell;
answer os s.
-> Static functions:
(Can led to create oligect.
1 man D. A. C. C. C. S. S.
Static members.
Staric