

stored of property # Example: nope - non player character.
(NPC) 1 Let's take Example of Non-player-character in a game which are in background of player doing certain a speed task. @ 50, wheneved we stam game all these NPC objects need to be exected so instead of maising all these characters seprente objects we can recuse created objects by clonning unshort using - prototype design pattern. HULLS FROM THE LAND # what is and How does prototype solve problem? described for melanically RELEVEL Spelf from 2 200 i) cocate one object or dass suppose do 1 and we need one more object then instead of excating ut again we can do is copy THEREA PRINTS them. The second of 2) inshort copy the escisting object to reduce or save time in complex operation. War wish dudy ppe + ni = new ppd; NPC 11 expensive op NPC *n2 = n1 -> doneci; don wos 1 (11 × 3 × 10)) 2901 × & What he direct and and and

way of way series

* prototype pattern only used where there one only little changes beth multiple objects. # How does it done and - we know about copy constructor. types - Defaut parameterized, copy construction (Mous object should be copied). 3) now, we copied an properties of nito ne but we do Not heed -some properties. so we can opdate it using details getters settens. of that # UML POY NOC Example. + whichever does inherit donnable donnable yonell; - class, that days 1 objects can be clonned. abstract - In Java, donnouble Aday String Names is known or mark of Theory wint healths ces yit's mames the class Lint power; which got clonnable (NPC (name, h,p) this has copy constitutor done co 43 which shows how It should be copied or helping to copy. Clonec) NPC (NPC*n) of new Npc (*this); this name = minames this, healtham, health's this power n. power;

