Date:
ITEM 4
dluays initialize objects before
int x=0; // manual initialization double di cin>>d; // initialization by reading from i/p stream
double di
ciny dig // enitializator by reading from
if stream
= > Assignment l'initization are différent.
A:: A (const string Iname g const string I add
J H AND
the Address = add; private:
D11 444 - D1
String that and;
int num;
7.
Initializatr is:-
A: A (const string& name, coust string & add)
: the Name (name) of the Addless (add) of
pum (o)
Above one is the bester man to worste above
Above one is the better may to write ctor.

Date:.. -> The assignment first calls defaut Ctor to initialize name, the Address of then assigns new value on top of defaut constructed ones. The arguments in the initialization list like the Name is copy constructed from name of the Address is copy " from add Thus, single call to copy constructor is more efficient othern call to defaut Constrictor followed by call to Copy assignment operator.

Date:
Key Points.
→ Base Classes ale mitialized before derined class.
nitialized in the older in which they are declared.
=> Sterlic object exist from time it is constructed till the end of program.
I it Reference do not refer to different object
=> Pointer may point to any menory location but reference once pointed connet be changed.

Date:.... Object outside non-local static objects > functions outtoude Class Rile dystem size t num () const; extern File system ffs & // static non-local object Class Directory public: Director (parans) Filegstern & Dischon are truo différent Source files. lenles 'ffs is initialized, directory's Object uses the hence cannot andefined!

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-> Best meny to some fins is could object as static local object.

elass File System
Filesystene l+fs()
Fålesystene etfs() 5 static Fåle system fs; lehun fs;
lehun fl.
class Directon }?.
Diretor: Diretory (palans)
-
Diretory & thypair ()
S Chit's allies torretal
Stutic Diretory tol; Subventol;
₹
The above functions return experences
to objects they contain + File your lts () 51
Cliente call the functo instead of ?
referring to objects.
instead of the num();
instead of this runt

Date:....