( Day OOP Object Orientated Programing Compiling a program in different ways: (ingth). we write he command got hellow, to Wowing pappens. included spaces Pre processor directive · removes comments extension of His ble is 0 Assembly Jandarase object file. of this checked l in ker Linker leds the object code. from when to get the code of Hings like out. executable oge Youse! How to get -s, o Gles or show the rade of libraries:

1) gtt - F hello-cpp

Ny.

- This shows /displays the whole code including the prepresence code.

2) gtt -s hello-cpp

This converts make an assemble language like. (Not working on my computer of is is made but unscoable).

3) g++ - c hello-cpp

- This makes an object like (.0).
This will create hello. 0.

4) gt+ -0 hello hello.o OR g++ hello.o -0 hello

or bello cpp

· Remember you an make is, o from .cpp but not vice versa. You can make to from is but not Youself

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- It is the wrong idea that int main is the Brit thing that runs when a program executs.

- Wen a projan executed.

- is all good of the folial relate variable etc.
- 2) NOW main row.

Main goes into stack.

3) Program ends when main is complete in execution. Everything deleter also "led, data and &s.

& where are local voriables shored?

-if a local voiable is made then it is should in the strack and if it is unitiallized then it has garbage values.

- if local variable are const. Hery one NOT should in shack. They ARE shored in Text.

Some Important point:

- Heap is very much larger than shack.

Pointers (will be to next topic) even if made for properly

are made in stack and will point to memory in

beap (of pina).

Yousal

Day:	Date: / /
	E When Program ends everything deleting with the process last in birst out english i-e stack is emptical
	process last in birst out engine stack is emobiled
	then text, BSS, data on emptiled. BUT bear
	is de never deleted so we need de delete
	it mun manually (willdo in pointer drapter).
er Navi ya nage Siy Jaco yayina bayya kamadan na asagasa	
-	- string name = "Hello": Vis a likeral.
	cher p[]= "Hello: X not a literal front st
	( in knt
	- Comment General Astronomy and the second second