CSI 31 LECTURE NOTES (Ojakian)

Topic 10: Classes - Overriding/Polymorphism

OUTLINE

(Goldwasser/Letscher ch 6.4)

Operation	Return	Function Name
+	F	$\_\_add\_\_(left, right)$
−	F	$\_\_sub\_\_(left, right)$
*	F	$\_\_mul\_\_(left, right)$
\	F	$\_\_truediv\_\_(left, right)$
print	str	$\_\_str\_\_()$
<	bool	$\_\_lt\_\_(left, right)$
==	bool	$\_\_eq\_\_(left, right)$
! =	bool	$\_\_ne\_\_(left, right)$ (for free from $\_\_eq\_\_$)
>	bool	$\_\_gt\_\_(left, right)$ (for free from $\_\_eq\_\_$ and $\_\_lt\_\_$)
<=	bool	$\_\_le\_\_(left, right)$
>=	bool	$\_\_ge\_\_(left, right)$ (for free from $\_\_le\_\_$)
F[index]	value	$\_\_getitem\_\_(self, index)$
F[index] = value	void	$\_\_setitem\_\_(self, index, value)$
float	float	$\_\_float\_\_(self)$