## 2.1 TypeCasting

-Intaroduction	
1) Allows you to change the date type of a vasisble from one type to another	
eperations involving yesisters of different	
data types, ensuring that The data is	
handled correctly.	
chan > int	
int -> char	
int > front	
front -7 int	

Implicit type costing
Andreadia Lee Compagne
-) ALCO Automatic type convension
- Compiler automotically convents one date type
to onother during on operation
Sucyarado unas don barbardo sinza
involving vooriables of different date types
& the compiler promotes one type to
a london table to montoin brieg, evon
int nom1 = 10;
floot num 2 = 5.5; 0/P = 15.5
cout << numl + num 2;
Choose $Ch = {}^{1}A^{1}$ ;
int num = 1) 0/P = 66
Cout ec ch + nom;
/

Explicit Type Conversion - Area manual Conversion -> Allow you to explicitly specify the desired date type during an ossignment on operation -> you use the certise operator, which is preparesented by parenthesis containing the tourgot doto type. int nom = 10; front num2 = 5.5; 10 + 5 froot siesult = nom! + ('int) num 2', cout LC sies ~ < endl; double pi = 3.14; int : 19 / = (:nt) pi ? Cout ex intli floot nom = 65.35 ] Char ch = (char) num; cout he chi, 1,01 50 7w3 INT P = 3.0 , 0 = 3 front & = a/b'; coux ec cj floor c = a/(floor(b)); Op= COUX << = C3

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5	(n+   (n+ -> :n+
25 0	4001 / int -> f1001
~ ·	nt /finst -> finat
	V4 1 41984 - 3 41984