) Type-Conversion;

*): Type Convension (Type cousting) report to changing the entity of one data type variable into another data type.

*) jour supports implicits type conversion from smaller to larget data types . An Integer values can be assigned to the long data type

+) But is nothin doesn't support Propplicit type conversion. Integer cannot assigned to long obta type in Kalkin

- In Kattin, the help tundions are used to explicit convert one data type to another data type.
- a) what are help tunctions?
- A) The help-two-tons are-in to Byte (), iii) to shate); 3) to Intel, 4) tolong(), s) to Float (), 6) to Double(), 7) to Chanc)
 - -) so total + help tunction.

Now: If I have string input with the help of help turchord Can I convert to the Interper data type?

A) Exception errol (Number format Exception)

A Note: There is No believe turction away lable to Gruett-Portobookan type.

Program - uploaded the Kotlin File with rame type-onversion. Kt Place check out.

Kottin Caprellian, statement, & Block: It has cally contains variables, appealeds, method cally etc that produce a single value. KOHin Eschession is a building books of a program that are usually created to produce rewvalue. - expression gives us a single value and that value is sometimes assigned to the vocable. Expresision can contain another expression. vous a=100 (vovuable de closustian, & we should not assum this as an expression) A) Augning a value in an expression (b=15). 4) A class dedosation is not an expression (class xYZ & ... &) Note: In rottin, tunction return a value attent. Linit, society tunction Rt is on expression. - Program: Identify & give mo seasons what are expressions & why they are kupression; of A Note: program was concept of turctions, you are not still This sum of (a: Int, b: Int ?] This a function of the sum of the captersion of the contraction of the captersion of the aware of function concept ? I'll akay. 17 12 and captersion why tun main largs: Array (string) & -earl +11 an tapression. val a:10; ____, not expression, because variable declaration. Expression ron: sunotla, b) - 1 corpression (steller astitue of the page). 81 roly/ 4. van mut axb; -> axb is an expression, that value is assigned

- -> closely aton:
 - * turchen calls one expressions
 - * function deplination and expression, particularly in the area single-expression functions.

Pulhal exactly in single-expression-turchant

A): In Kottin Single-expression function its a function that Consists of single explession to be evaluated.

est tun add (a: Int, b: Int): Int = atb

- -15ingle Fuprersion Junction omit curry braces & y and the The Here type can explicitly declared
- A)= Note: In Kottin of main tunction does not produce a voiding?
 It is not clossified as an expression in Kottin.
- At: In powal 76 is an statement, but in Kottin 16 is an Capression of the called an expression because 71 Comparted the value g'a' and b' and returns the maximum value. Therefole, In Kottin there is no - tetracy aperation (a7h) 9a:h because Phis neplaced by 16' expression.
- -) vor max = 96 (axb) a cheb -1 (3: 36 (Grafton) condition is sufficiently che condition is not sufficient.
- * A statement is a syntactic unit of programming that expresses some actions to be convied out. A program is followed by sequence of one of mole statements. -) IsoHin statement:

- Multiple Statements! * In the Context when you write mole than one statement in a single line. Exi- printin("purcetti); printin("Madhavi");-1,1 Mulyple, 2) - Kotlin blocks 1)= A block is a section of software code andosed with away braces(8--3) D) Block Contains so many statements. 3) Block an ontain one aimore blocks nested within it.

u) Every Junction hosits own block & main function also contains

a Hock.

-> When we talk about block, sage quaviables & Gomes Poto picture=

* Note: The variable's declared at the head of the block are visit be throughout the block and any nested blocks, unless a voiceble with the same name declared at the head in the inner block. When a new declaration Pseblective through out the Phner block the outer declaration recomes effective against again at the end of the 9thet blocks.

conclusion: Variables hours nested scapes - 1 True

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