Words And Senfences

Reserved words -

words as variable names Carrot use reserved

X = 10 Jarishle

StartsX

(table > table 2 / table 3 2 table x 3 table x

Python Variable Name Rules -

- -> Must start with letter or underscore (-)
- -> Must consist of letters, numbers and underscores
- -> Case Sensitive: Span # Span # Span # Span # 3

Span & SPAM Print (Spam) > X

Reserved words -

-> and as -) assert - break -) class > continue $\rightarrow def$ - del

> elif

-> else

-> excelt > Livally - for > from -> global → if -> import -> in -) is > lambde

> nonboal -> not 700 > pass -) rouse -> zeturn -> foy > while -> with -> yield string 1) > String (enclosed in quotation mark (str) integer (int) Types of variables

· String (Str)

· integer (int?

· Float (Float) Height > 183 cm | 1.83 m int Hoat float a number with a decimal point. type Lunction type .

Operators >

· Special symbols that represent computations like addition I multiplican The values the operator is applied to are called operator Addition Supposed Addition Division Exponential Remainder Remainder

· Division of two integers, the output = float. Exponential 3 * * 2 = 9 $3\pi + 2 = 3 + 3$ 2 * * Ty = 2 = 2x2x2x2 1 power y = 16 1 power y = 16

Modulo (Renainder)

7°/. 3 3/7 -6 1 -> Remainder

> 2)4 2)4 -4 = Remainde

Order of Evaluation -Higher to Lower Desator Precedence Highest to Lowest - Pasanthesis () - Exponentiation - Multiplication, Division & Remainder - Addition & Subtraction = Left to Right

Solv: 1 + 23 | 4 * 5 = 1 + (8 | 4) * 5 = 1 + 2 * 5 = 1+10 => II

2 * (3-1) 2**3 = 2³ Whenever we get the imput from the user, the output will be always stored in the format of a String.

45 7 7 1451 >

String Corversion

. Use int () and float () to convert blw string and integers. , Evror > String does not contain any numeric character Q. Wite program to prompt the user for hours and sale per hours to compute gross pay.

Enter hours: 35

Enter hate: 2.75

Pay: 96.25