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| LIBRARY USED  Import math |
| FUNCTION USED  Math.ceil()  Math.floor()  Round()  Abs()  Print(f”down: {down\_payment}”)  Len() : Length of string  Input(“”)  .upper() :upper case  Input().lower()  Range(10) #start with 0 and end with 9 . 10 total values  Range(5,10,2) start from 5 to before 10 2 steps at a time  listName.append(): add to list  listName.insert(INDEX,OBJECT) : add and push the remaining to the rest  listName.remove(VALUE): find and remove value  listName.clear(): delete all value  listName.pop() remove last item  .sort()  .count()  .copy |
| TOPIC  ARTIHMATIC  IF STATEMENT  Logical operator  Whileloop  Iterate  Lists  2-dimentional list |
| REMEMBER THIS  Calculation order  exponentiation x\*\*3  multiplication or dvision  addition or subtraction |
| EXPRESSION EXAMPLE:  is\_hot = False is\_cold = True  if is\_hot:  print("It's a hot day")  print("Drink plenty of water"  "") elif is\_cold:  print("It's a cold day")  print("Wear warm cloths.") else:  print("It's a lovely day") print("Enjoy your day")  if and:  if or:  if and not:  while-loop  while guess\_count < guess\_limit:  guess = int(input('Guess: '))  guess\_count += 1  if guess == secret\_number:  print('You won!')  break  iterate for-loop  for item in range(5,10,2): #walk from 5 to 10, end before 10, 2 steps at a time  print(item)  nested-loop  for x in range(4):  for y in range(3):  print(f'({x}, {y})') |
| Timestamp:  2:08:26 |

Math modules

Abs()

Round()

PYTHON HAS 2 TYPE OF NUMBER

FLOOT (BOOLEAN)

INT

/ DIVIDE

// DIVIDE AND CONVERT TO INT

% DIVIDE AND RETURN REMAINING

\*\* TO THE POWER

X += 3 // IS X = X+3

Calculation order

exponentiation x\*\*3  
multiplication or dvision  
addition or subtraction