REVISION

1. Python as a programming language
2. Python compiler and python interpreter  
   computers understand only 1 language -> binary
3. Interpreters -> line by line
4. Python hello.py -> hello.pyc -> created by the compiler
5. Tokens -> [ parts of speech ]
   1. Data types – string int float bool
   2. Variables / identifiers – name, calculatediscount() , print(), int(), str()
   3. Keywords / reserved words – int, float, set, dict, if , elif
   4. Separators -> spaces, [,]
   5. Punctuators -> ‘, :
   6. Operators -> =
   7. Literals -> constants
6. Operators
   1. Arithmetic + - \* / % \*\* //
   2. Relational < > == <> <= >=
   3. Logical and or not
   4. Membership in, not in
7. Conditional constructs
   1. If-else
   2. Switch-case -> since 3.11
8. Looping constructs
   1. For
   2. While
   3. Jump statements break and continue
   4. Nested loops
9. Data structures
   1. String
   2. Tuple
   3. List
   4. Set
   5. Dict
   6. Slicing and indexing
   7. Various methods and functions with respective data structures
10. Functions