Backend dasturchi uchun yo'riqnoma Python dasturchi Ro'yhatlar / Lists Strings -----HTML boshlang'ich elementlar (HTML elements) Turkumlar / Tuples HTML table, div, span To'plamlar / Sets HTML (5) (HTML table, div, span) Floats Data Types / Ma'lumot turlari -----HTML / CSS **HTML formalar** (Boshlang'ich bilimlar) (HTML forms) Ints -----CSS boshlang'ich tushunchalar CSS (3) Booleans -----(CSS basics) Lug'atlar / Dictionaries CSS da media, flexbox, position (CSS media, flexbox, position) for **Bootstrap asoslari** (Bootstrap basics) Sikl tushunchasi while -----**Control Flow/Looping** JS Javascript if/elseif/else -----Arifmetik amallar **Arithmetic and expressions** Github Sys module Git boshlang'ich tushunchalar Python (Boshlang'ich) ····· Gitlab (Git basics) Beginner Kiritish/chiqarish **Standard input/output Bitbucket** I/O (Input/Output) Reading/writing files Funksiya **Functions** SQL boshlang'ich tushunchalar Ma'lumot omborlari (SQL basics) (Databases) Xatolar va Istisnolar bilan ishlash **Exceptions and Error Handling SELECT** Relatsion NoSQL (Relational) **INSERT, UPDATE, DELETE** OYD boshlang'ich tushunchalar **Basics of OOP** ----- MySQL ---- MongoDB Count, AVG, MIN, MAX, ----- PostGreSQL ----- RethinkDB SUM Rekursiya Recursion Sqlite CouchDB **IN, BETWEEN Regular Expressions JOINS** Meros olish / Inheritance Python (O'rta bosqich) Primary, Foreign keys Intermediate Polimorfizm / Polymorphism OYD haqida batafsil **CREATE, DROP, ALTER** OOP Advanced Enkapsulatsiya / Encapsulation JSON API Method overloading API ····· SOAP :---- gRPC Linked lists Stacks, Queues docktest Sinovdan o'tkazish ·····PyUnit (Testing) **Binary Search Trees** : Selenium Graphs -----Ma'lumot tuzilishlari **Minimum Spanning Trees** :···· Boshlang'ich tushunchalar (Basic) -----**Data Structures** Linux buyruqlari ····· SSH Mijoz (SSH Client) (Linux commands) Hash Maps -----:---- Shell inear Search / Binary Search ---- Redis Hashing Keshlash ----: (Caching) ---- ElasticSearch Quicksort -----**Insertion/Selection Sort** Python (So'nggi bosqich) Advanced Merge Sort -----**Algorithmic Complexity Big O notation** ----: