Gebze Technical University Computer Engineering

CSE 222 2017 Spring

HOMEWORK 7 REPORT

STUDENT NAME : Muhammet Bedirhan Çağlar STUDENT NUMBER : 141044073

~Problem solutions approach

=> 1. Soru için verilen problemi BinaryNavMap classında put 'get 'submap fonksiyonlarını imlement ederek bir Navigable ı implement eden hashtree mapi oluşturdum.

=>2. Soru için verilen problemde ise hashtable tablosunda linear probing yaparak hashchainig classı tasarladım.Bu tablonun size nı 128 olarak belirleyerek tabloyu doldurdum.Ve put 'get ' size methodlarını implement ettim.

\sim Testing \sim

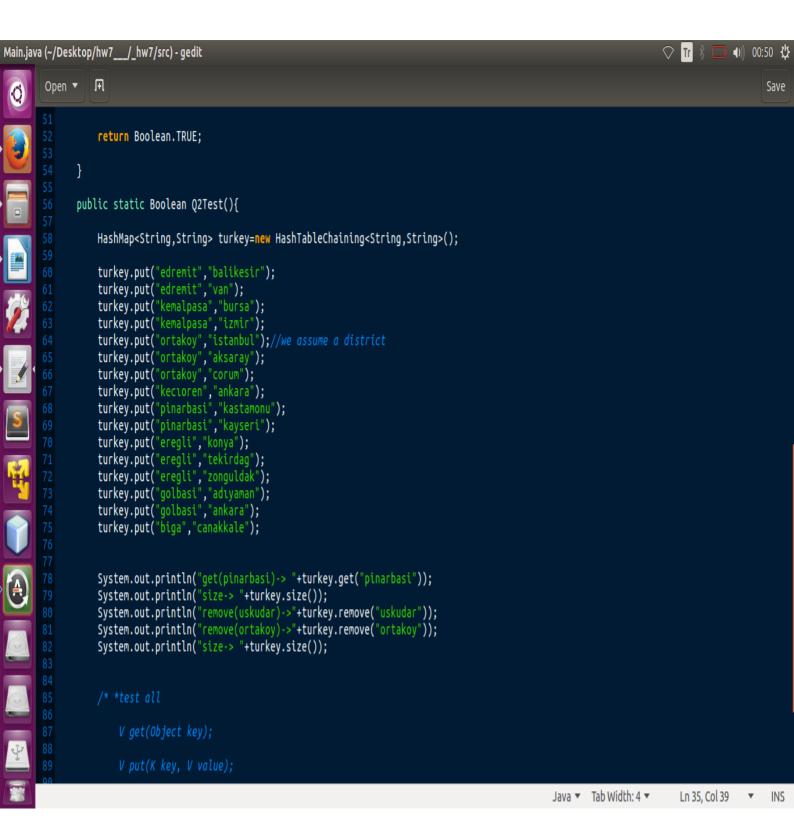
Q-1-----

```
Main.java (~/Desktop/hw7___/_hw7/src) - gedit
                                                                                                                                       •0) 00:50 🖔
                  A
              public static Boolean Q1Test(){
                   NavigableMap<String,String> turkey = new BinaryNavMap<>();
                   turkey.put("uskudar","istanbul");
                   turkey.put("kadikoy","istanbul");
                   turkey.put("cekirge","bursa");
turkey.put("gebze","kocaeli");
                   turkey.put("gebze","kocaeli");
                   turkey.put("niksar","tokat");
                   turkey.put("kectoren","ankara");
turkey.put("aksaray","istanbul");
                   turkey.put("foca","izmir");
                   turkey.put("manavgat","antalya");
                   turkey.put("kahta","adiyaman");
                   turkey.put("biga","canakkale");
                   System.out.println("The original set odds is " + turkey);
                    NavigableMap<String,String> m = turkey.subMap("gebze",true,"gebze",true);
                   System.out.println("The ordered set m is " + m);
                   System.out.println("The first entry is " +turkey.firstEntry());
                   return Boolean.TRUE;
              public static Boolean Q2Test(){
                   HashMap<String,String> turkey=new HashTableChaining<String,String>();
                   turkey.put("edremit","balikesir");
                   turkey.put("edremit","van");
                   turkey.put("kemalpasa","bursa");
```

Java ▼ Tab Width: 4 ▼

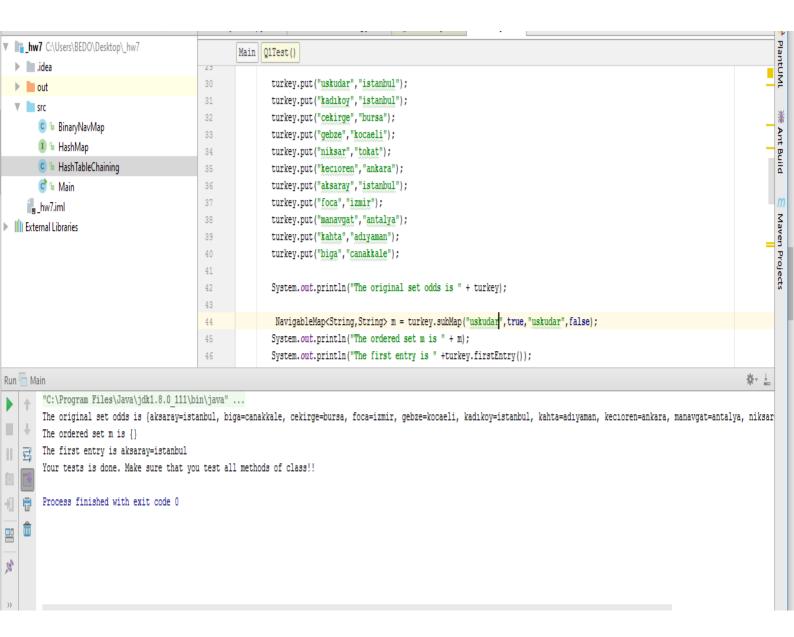
Ln 35, Col 39 ▼

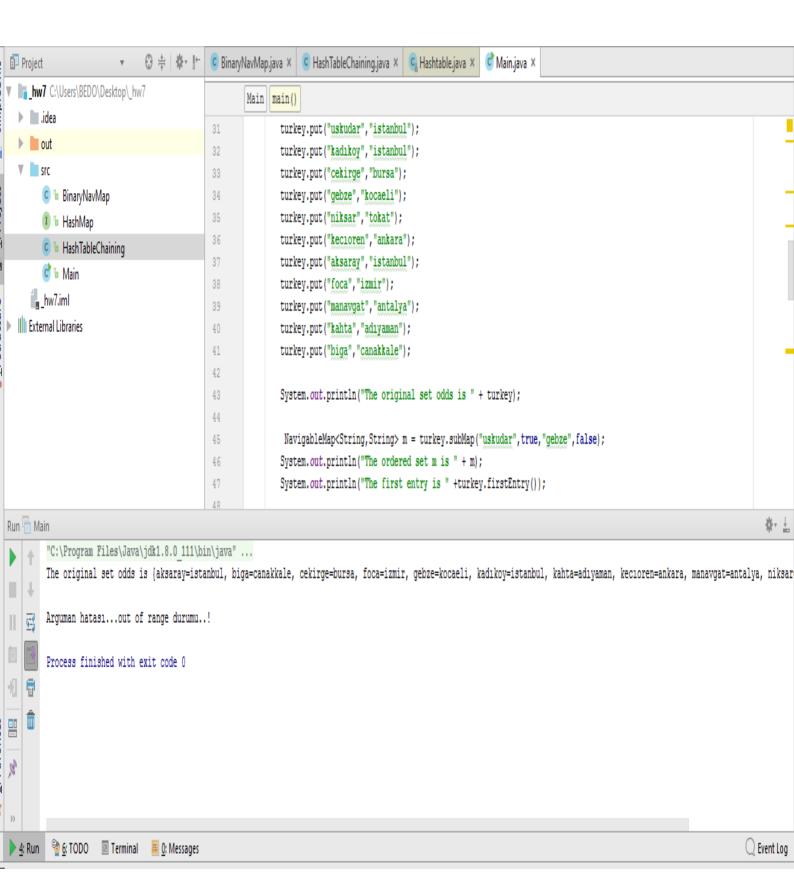
Q2-----

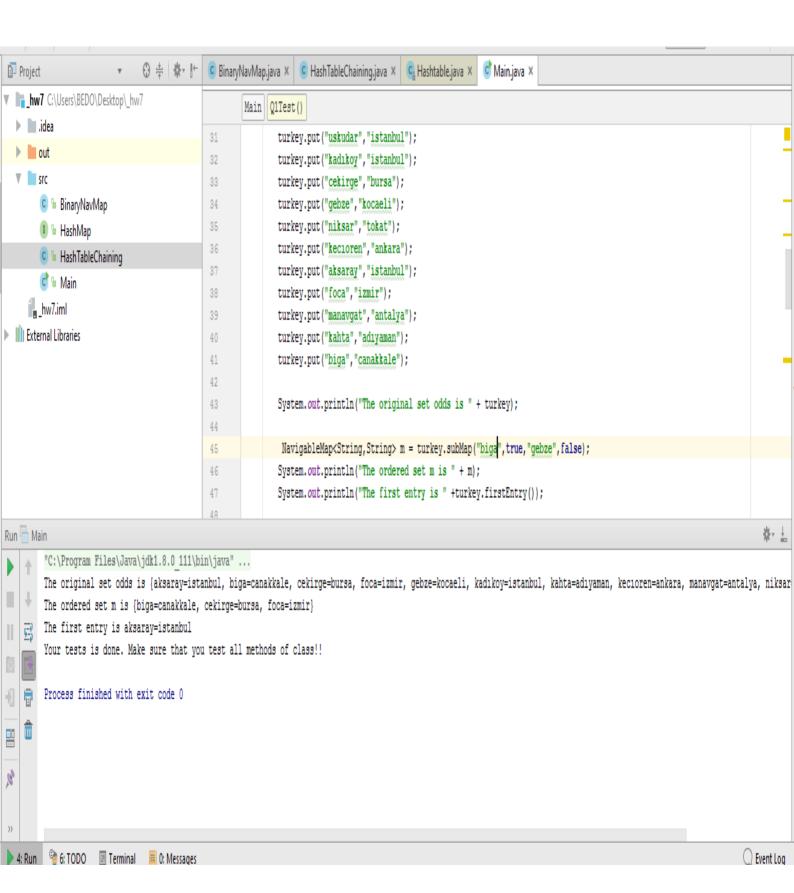


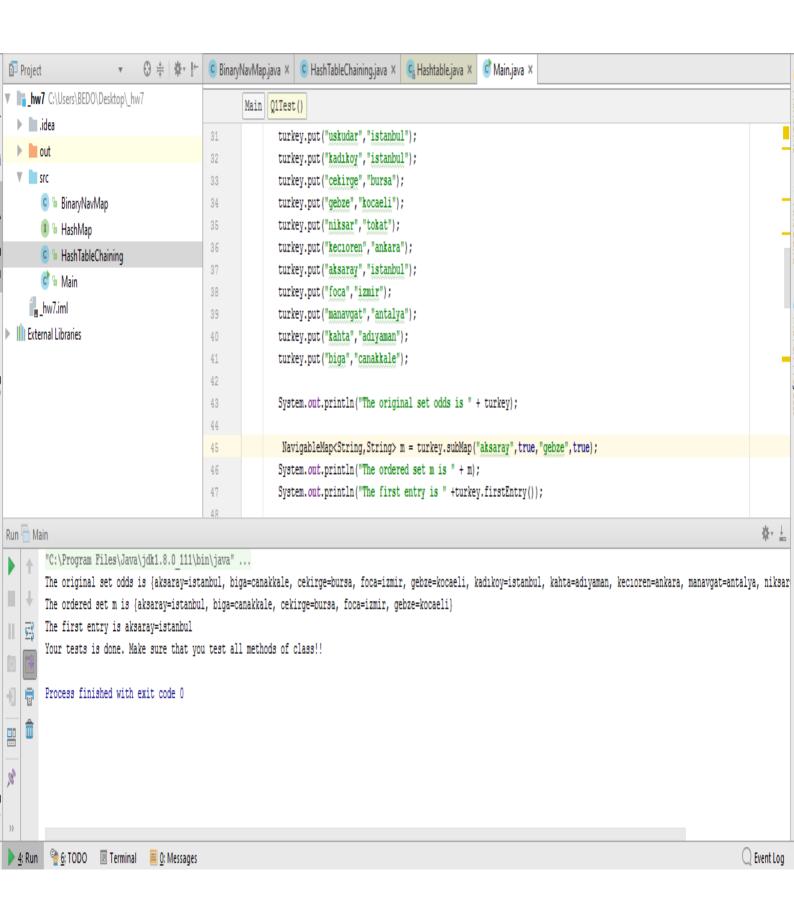
~ Results ~

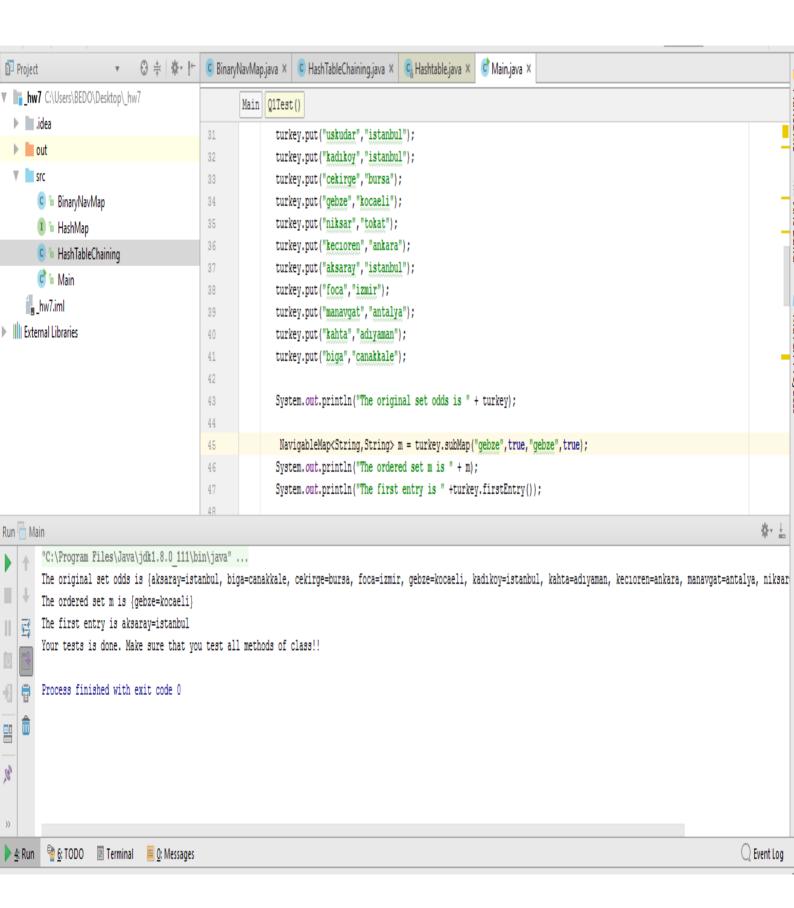
Q-1)

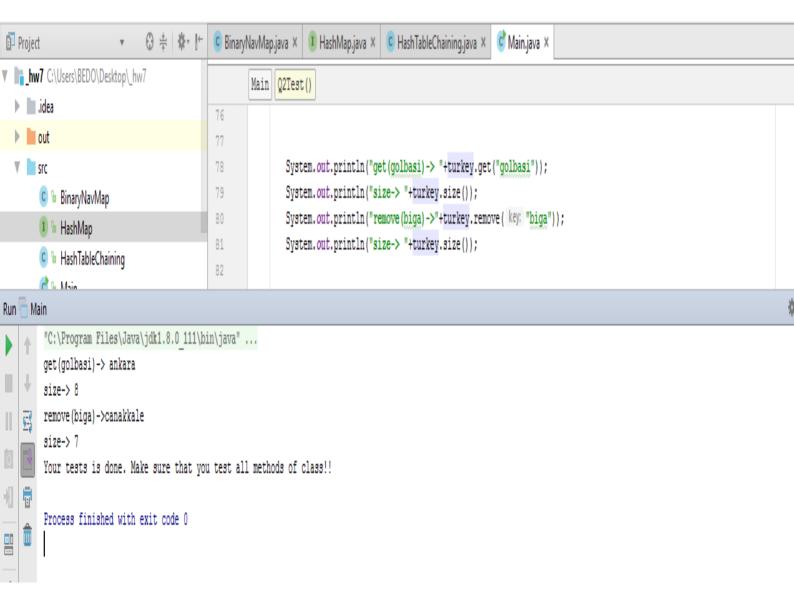


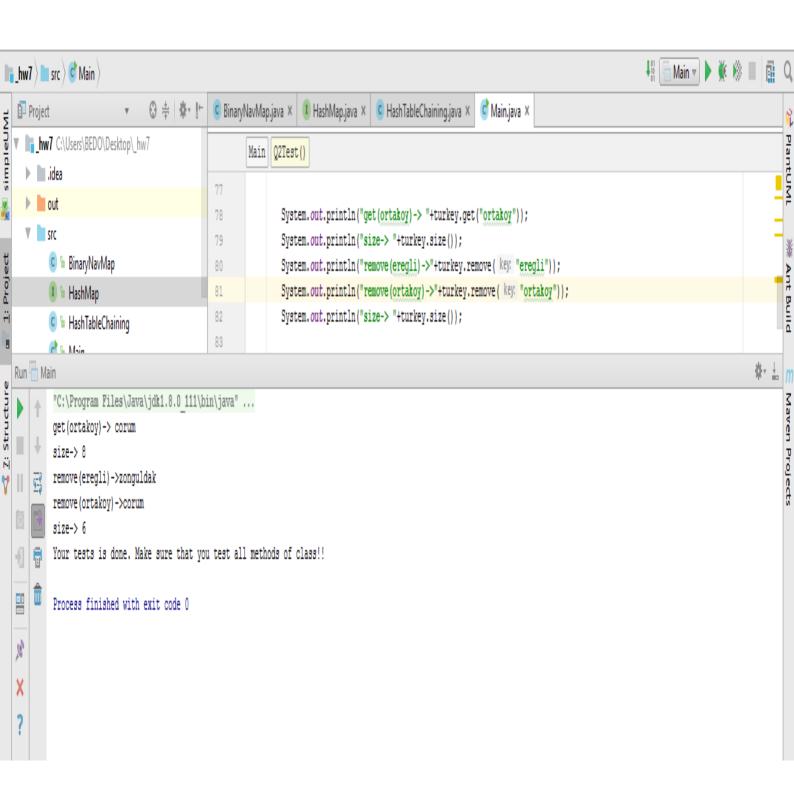


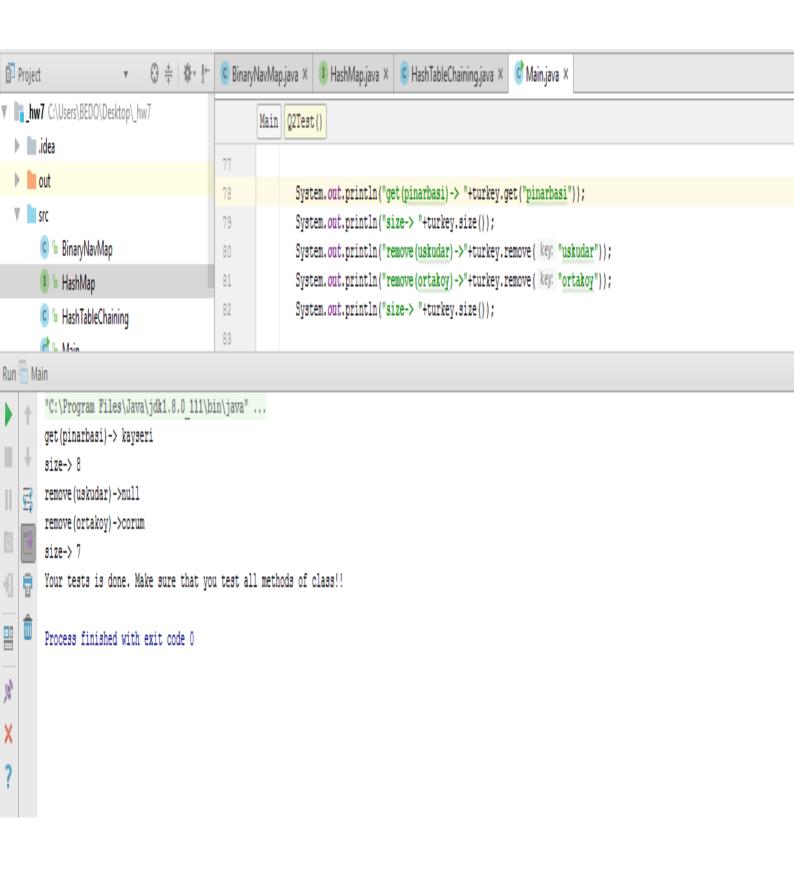












\sim Other Diagrams \sim

