MySQL

Due Sept. 26, 2018

1. Create a table showing your first name, last name, email, number of courses that you are taking, status (graduate or undergraduate). Show your MySQL code. (15 points)

2. Query UCSC database and create your own table (*Bonus for undergraduate students)*

   – Write a SQL query to extract name, chrom, strand, txStart, txEnd from hg19.knowGene table on chromosome 17 (10 points)

   – Use your search result to create a table (named table with your name) in database. (10 points)

   – Write a SQL query to find KEGG mapID of genes on chromosome 17 (hint: use intersect the two tables, hg19.knowGene and hg19.knownToKeggEntrez) (10 points)