

Dung Doan

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Lab 5

I used the curl command to print the url csv link into a custom file I made called Covid19Meals.txt. This is a dataset of free meal locations for those severely affected by Covid19 in NYC. I then used the cat command to print out everything in the dataset, there is a lot more data in the dataset than shown in the screenshot

```
[ddoan@sol28 ~]$ curl https://data.cityofnewyork.us/resource/sp4a-vevi.csv --output Covid19Meals.txt
% Total    % Received % Xferd Average Speed   Time    Time     Current
                                 Dload Upload Total   Spent  Left   Speed
100 36947    0 36947    0    0 6266    0 --:--:--  0:00:05 --:--:-- 8431
[ddoan@sol28 ~]$ cat Covid19Meals.txt
{"district","sfcode","bldgcode","schoolname","siteaddress","city","zip","accessibility","longitude","latitude","koshermealtype"}
"22","22278","K278","J.H.S. 278 Marine Park","1925 STUART STREET","Brooklyn","11229","No Accessibility","-73.938721","40.606745","non-kosher"
"7","07551","K183","The Urban Assembly Bronx Academy of Letters","339 MORRIS AVENUE","Bronx","10451","Partially Accessible","-73.925995","40.813681","non-kosher"
"6","06278","M918","Paula Hedbavny School","421 W 219TH ST","Manhattan","10034","Partially Accessible","-73.912339","40.871673","non-kosher"
"23","23222","K271","Mott Hall IV","1137 HERKIMER STREET","Brooklyn","11233","No Accessibility","-73.915106","40.678124","non-kosher"
"2","02130","M130","P.S. 130 Hernando De Soto","143 BAXTER STREET","Manhattan","10013","Fully Accessible","-73.998326","40.71866","non-kosher"
"28","28511","Q440","FOREST HILLS HS","67-01 110 STREET","Queens","11375","Partially Accessible","-73.843972","40.730017","kosher"
"31","31049","R049","I.S. 49 Berta A. Dreyfus","101 WARREN STREET","Staten Island","10304","No Accessibility","-74.080695","40.620443","non-kosher"
"32","32376","K376","P.S. 376","194 HARMAN STREET","Brooklyn","11237","No Accessibility","-73.920187","40.69805","non-kosher"
"20","20535","K445","New Utrecht High School","1601 80 STREET","Brooklyn","11214","Partially Accessible","-74.002308","40.613041","non-kosher"
"25","25509","Q460","Flushing High School","35-01 UNION STREET","Queens","11354","No Accessibility","-73.826811","40.764892","non-kosher"
"20","20030","K331","I.S. 30 Mary White Ovington","7002 4TH AVENUE","Brooklyn","11209","Fully Accessible","-74.02395","40.633598","non-kosher"
"10","10094","X094","P.S. 094 Kings College School","3530 KINGS COLLEGE PLACE","Bronx","10467","No Accessibility","-73.875268","40.880661","non-kosher"
"5","05504","M136","Mott Hall High School","6 EDGEcombe AVENUE","Manhattan","10030","No Accessibility","-73.947151","40.817228","non-kosher"
"9","09629","X229","I.S. 229 Roland Patterson","275 HARLEM RIVER PARK BRIDGE","Bronx","10453","Partially Accessible","-73.9216","40.8524","non-kosher"
"8","08140","K140","P.S. X140 The Eagle School","916 EAGLE AVENUE","Bronx","10456","No Accessibility","-73.907489","40.823318","non-kosher"
"2","02276","M276","BATTERY PARK CITY SCHOOL","55 BATTERY PLACE","Manhattan","10280","Fully Accessible","-74.017456","40.706384","non-kosher"
"17","17138","K138","P.S. 138 Brooklyn","760 PROSPECT PLACE","Brooklyn","11216","Partially Accessible","-73.951559","40.673943","non-kosher"
"18","18235","K235","P.S. 235 Janice Marie Knight School","525 LENOX ROAD","Brooklyn","11203","Partially Accessible","-73.940922","40.655337","non-kosher"
"2","02513","M480","Urban Academy Laboratory High School","317 EAST 67 STREET","Manhattan","10065","Partially Accessible","-73.959777","40.765638","non-kosher"
"22","22078","K078","J.H.S. 078 Roy H. Mann","1420 EAST 68 STREET","Brooklyn","11234","No Accessibility","-73.912914","40.620537","non-kosher"
"30","30533","Q445","William Cullen Bryant High School","48-10 31 AVENUE","Queens","11103","No Accessibility","-73.911165","40.757072","non-kosher"
"19","19346","K346","P.S. 346 Abe Stark","1400 PENNSYLVANIA AVENUE","Brooklyn","11239","Partially Accessible","-73.881997","40.64664","non-kosher"
"30","30148","Q148","P.S. 148 Queens","89-02 32 AVENUE","Queens","11369","Partially Accessible","-73.878638","40.757629","non-kosher"
"20","20062","K062","J.H.S. 062 Ditmas","700 CORTELYOU ROAD","Brooklyn","11218","No Accessibility","-73.971153","40.638087","non-kosher"
"16","16627","K304","Brighter Choice Community School","280 HART STREET","Brooklyn","11206","No Accessibility","-73.941278","40.693654","non-kosher"
"22","22234","K234","J.H.S. 234 Arthur W. Cunningham","1875 EAST 17 STREET","Brooklyn","11229","Partially Accessible","-73.955217","40.604447","non-kosher"
"16","16571","K987","Brooklyn High School for Law and Technology","1396 BROADWAY","Brooklyn","11221","Fully Accessible","-73.955217","40.604447","non-kosher"
"7","07005","X005","PS 5 Port Morris","564 JACKSON AVENUE","Bronx","10455","No Accessibility","-73.908358","40.813896","non-kosher"
"11","01632","M056","University Neighborhood Middle School","220 HENRY STREET","Manhattan","10002","Partially Accessible","-73.986051","40.713362","non-kosher"
"24","24093","Q093","I.S. 093 Ridgewood","66-56 FOREST AVENUE","Queens","11385","Partially Accessible","-73.903057","40.705609","non-kosher"
"14","14120","K120","P.S. 120 Carlos Tapia","18 BEAVER STREET","Brooklyn","11206","No Accessibility","-73.937888","40.700819","non-kosher"
"19","19108","K108","P.S. 108 Sal Abbracciamento","200 LINWOOD STREET","Brooklyn","11208","No Accessibility","-73.884348","40.681295","non-kosher"
"17","17538","K590","Middle College High School","1186 Carroll Street","Brooklyn","11225","Fully Accessible","-73.951823","40.66679","non-kosher"
"4","04083","M083","P.S. 083 Luis Munoz Rivera","219 East 109 Street","Manhattan","10029","Fully Accessible","-73.941955","40.793363","non-kosher"
"27","27210","Q210","J.H.S. 210 Elizabeth Blackwell","93-11 101 AVENUE","Queens","11416","Partially Accessible","-73.847633","40.68476","non-kosher"
"19","19292","K292","J.H.S. 292 Margaret S. Douglas","301 VERMONT STREET","Brooklyn","11207","No Accessibility","-73.893319","40.671601","non-kosher"
"3","03165","M165","P.S. 165 Robert E. Simon","234 WEST 109 STREET","Manhattan","10025","No Accessibility","-73.965949","40.802653","non-kosher"
"20","20223","K223","J.H.S. 223 The Montauk","4200 16 AVENUE","Brooklyn","11204","Partially Accessible","-73.982424","40.6351","non-kosher"
"2","02042","M042","P.S. 042 Benjamin Altman","71 HESTER STREET","Manhattan","10002","No Accessibility","-73.990826","40.716126","non-kosher"
"31","31016","R016","P.S. 016 John J. Driscoll","195 DANIEL LOW TERRACE","Staten Island","10301","No Accessibility","-74.079594","40.639638","non-kosher"
```

I used the awk command to do a custom search for free meal locations in Brooklyn specifically with the syntax `‘/Brooklyn/ {print}’`

```
[ddoan@sol28 ~]$ awk '/Brooklyn/ {print}' Covid19Meals.txt
"22","22278","K278","J.H.S. 278 Marine Park","1925 STUART STREET","Brooklyn","11229","No Accessibility","-73.938721","40.606745","non-kosher"
"23","23222","K271","Mott Hall IV","1137 HERKIMER STREET","Brooklyn","11233","No Accessibility","-73.915106","40.678124","non-kosher"
"32","32376","K376","P.S. 376","194 HARMAN STREET","Brooklyn","11237","No Accessibility","-73.920187","40.69805","non-kosher"
"20","20535","K445","New Utrecht High School","1601 80 STREET","Brooklyn","11214","Partially Accessible","-74.002308","40.613041","non-kosher"
"20","20030","K331","I.S. 30 Mary White Ovington","7002 4TH AVENUE","Brooklyn","11209","Fully Accessible","-74.02395","40.633598","non-kosher"
"17","17138","K138","P.S. 138 Brooklyn","760 PROSPECT PLACE","Brooklyn","11216","Partially Accessible","-73.951559","40.673943","non-kosher"
"18","18235","K235","P.S. 235 Janice Marie Knight School","525 LENOX ROAD","Brooklyn","11203","Partially Accessible","-73.940922","40.655337","non-kosher"
"22","22078","K078","J.H.S. 078 Roy H. Mann","1420 EAST 68 STREET","Brooklyn","11234","No Accessibility","-73.912914","40.620537","non-kosher"
"19","19346","K346","P.S. 346 Abe Stark","1400 PENNSYLVANIA AVENUE","Brooklyn","11239","Partially Accessible","-73.881997","40.64664","non-kosher"
"20","20062","K062","J.H.S. 062 Ditmas","700 CORTELYOU ROAD","Brooklyn","11218","No Accessibility","-73.971153","40.638087","non-kosher"
"16","16627","K304","Brighter Choice Community School","280 HART STREET","Brooklyn","11206","No Accessibility","-73.941278","40.693654","non-kosher"
"22","22234","K234","J.H.S. 234 Arthur W. Cunningham","1875 EAST 17 STREET","Brooklyn","11229","Partially Accessible","-73.955217","40.604447","non-kosher"
"16","16571","K987","Brooklyn High School for Law and Technology","1396 BROADWAY","Brooklyn","11221","Fully Accessible","-73.955217","40.604447","non-kosher"
"14","14120","K120","P.S. 120 Carlos Tapia","18 BEAVER STREET","Brooklyn","11206","No Accessibility","-73.937888","40.700819","non-kosher"
"19","19108","K108","P.S. 108 Sal Abbracciamento","200 LINWOOD STREET","Brooklyn","11208","No Accessibility","-73.884348","40.691295","non-kosher"
"17","17538","K538","Middle College High School","1186 Carroll Street","Brooklyn","11225","Fully Accessible","-73.951823","40.66679","non-kosher"
"19","19292","K292","J.H.S. 292 Margaret S. Douglas","301 VERMONT STREET","Brooklyn","11207","No Accessibility","-73.893319","40.671601","non-kosher"
"20","20223","K223","J.H.S. 223 The Montauk","4200 16 AVENUE","Brooklyn","11204","Partially Accessible","-73.982424","40.6351","non-kosher"
"14","14250","K250","P.S. 250 George H. Lindsay","108 MONTROSE AVENUE","Brooklyn","11206","No Accessibility","-73.945659","40.706708","non-kosher"
"13","13613","K611","Dock Street School for STEAM Studies","19 DOCK STREET","Brooklyn","11201","Fully Accessible","-73.992076","40.702952","non-kosher"
"18","18288","K282","Middle School for Art and Philosophy","1084 LENOX ROAD","Brooklyn","11212","No Accessibility","-73.919818","40.657712","non-kosher"
"15","15586","K904","Cobble Hill School of American Studies","347 BALTIC STREET","Brooklyn","11201","No Accessibility","-73.990884","40.684869","non-kosher"
"32","32123","K123","P.S. 123 Suydam","100 IRVING AVENUE","Brooklyn","11237","No Accessibility","-73.922388","40.704076","non-kosher"
"13","13067","K067","P.S. 067 Charles A. Dorsey","51 SAINT EDWARDS STREET","Brooklyn","11205","No Accessibility","-73.977674","40.695339","non-kosher"
"32","32528","K913","EBC High School for Public Service Bushwick","1155 DEKALB AVENUE","Brooklyn","11221","Partially Accessible","-73.929315","40.694723","non-kosher"
"13","13133","K317","P.S. 133 William A. Butler","610 BALTIC STREET","Brooklyn","11217","Fully Accessible","-73.980455","40.679916","non-kosher"
"21","21096","K096","I.S. 096 Seth Low","99 AVENUE P","Brooklyn","11204","Fully Accessible","-73.984985","40.608135","non-kosher"
"21","21303","K303","I.S. 303 Herbert S. Eisenberg","501 WEST AVENUE","Brooklyn","11224","Fully Accessible","-73.972009","40.582518","non-kosher"
"21","21281","K281","I.S. 281 Joseph B. Cavallaro","8787 24 AVENUE","Brooklyn","11214","Partially Accessible","-73.993565","40.594648","non-kosher"
"14","14126","K126","John Ericsson Middle School 126","424 LEONARD STREET","Brooklyn","11222","Partially Accessible","-73.947932","40.719818","non-kosher"
"15","15462","K460","Secondary School for Law","237 7 AVENUE","Brooklyn","11215","Fully Accessible","-73.97858","40.669255","non-kosher"
"14","14553","K650","Williamsburg Preparatory School","257 NORTH 6 STREET","Brooklyn","11211","Partially Accessible","-73.954815","40.715561","non-kosher"
"18","18566","K515","Brooklyn Generation School","6565 FLATLANDS AVENUE","Brooklyn","11236","Partially Accessible","-73.916927","40.634451","non-kosher"
"20","20519","K505","FRANKLIN D. ROOSEVELT HS","5800 20 AVENUE","Brooklyn","11204","No Accessibility","-73.982583","40.621299","kosher"
"17","17006","K006","P.S. 006","43 SHYDER AVENUE","Brooklyn","11226","Fully Accessible","-73.956279","40.648973","non-kosher"
"18","18564","K415","It Takes a Village Academy","5800 TILDEN AVENUE","Brooklyn","11203","Partially Accessible","-73.922212","40.647728","non-kosher"
"22","22240","K240","Andries Hudde","2500 NOSTRAND AVENUE","Brooklyn","11210","No Accessibility","-73.946836","40.623788","non-kosher"
"17","17249","K249","P.S. 249 The Caton","18 MARLBOROUGH ROAD","Brooklyn","11226","Partially Accessible","-73.966456","40.649509","non-kosher"
"18","18635","K242","PS 235 Janice Marie Knight School Annex","10001 FLATLANDS AVENUE","Brooklyn","11236","No Accessibility","-73.940922","40.655337","non-kosher"
"14","14071","K071","Juan Morel Campos Secondary School","215 HEYWARD STREET","Brooklyn","11206","Partially Accessible","-73.953304","40.703996","non-kosher"
"15","15015","K015","P.S. 015 Patrick F. Daly","71 SULLIVAN STREET","Brooklyn","11231","No Accessibility","-74.011864","40.677085","non-kosher"
"20","20517","K490","Port Hamilton High School","8301 SHORE ROAD","Brooklyn","11209","Partially Accessible","-74.038103","40.626827","non-kosher"
"16","16508","K455","Boys & Girls H.S.","1700 FULTON STREET","Brooklyn","11213","Partially Accessible","-73.931604","40.678478","non-kosher"
"20","20163","K807","P.S. 163 Bath Beach","109 BAY 14TH STREET","Brooklyn","11214","Fully Accessible","-74.007469","40.606739","non-kosher"
"22","22611","K495","Origins High School","3000 AVENUE X","Brooklyn","11235","Partially Accessible","-73.936635","40.593157","non-kosher"
```

Finally this is my entire history of my session. My previous dataset was a dataset of the attendance of school and it was a bit of a testing ground for me trying to understand the commands.

```
[ddoan@sol28 ~]$ history 15
128 script session.log
129 cat session.log
130 history
131 cat AttendanceData.txt
132 rm AttendanceData.txt
133 AttendanceData.txt
134 clear
135 curl https://data.cityofnewyork.us/resource/sp4a-vevi.csv --output Covid19Meals.txt
136 cat Covid19Meals.txt
137 awk '/Brooklyn/ {print}' Covid19Meals.txt
138 awk '/Brooklyn/ {print}' Covid19Meals.txt
139 history
140 history -a current-history
141 history history 11
142 history 15_
```