Zero Sigi 2444524 133 MT Extra Credit.
Group by orders the data by column I have
Summarise shows two columns the first is primarykey, second this
the court, sta # of names
mutate create a new column showing the rank of each
name (descending order)
After obtain Fernando 5 info-

- 2. Group by number istead.
- 3. month mome is a categorical variable. peak oct-Nov Male, CA, MN bottom Aug-Nov
 - 4. new ← BabyNane %>% filter (year > 2000)

new = BabyNanes %>%

Spreacher (kay = sex, value=cont) %>%

nuntate (allsex = F+M) %>%

filter (allsex > 20) %>%

Select (your, name)

5. Running time, sex.

qualitative. F/M

not likely the denoting not nu fronting

also no nedge on the data pat.

6.1.a stathter with the second of the second of the second Signature State of the second of the first that fifth 22 Rundy the Age (group) sex & quant qualit qualit 30-40 of the phanes was a mile 80-90 project expansion to thouse Not 17kely. Besty A CAm W Don S Fost = variable 1 8. Surrough (preint)

surrough (total = n(1)

arrouge (auxe (total))

matate (namk = namk(total)) Grouphy (bodytype)

Some (total n(f), total f=n(f)

mit

The second secon

temp - Body types % 7%mitate (totalf= sum(f), totalm = sum(m)) Select (fratho = SV Cup by (body-type)%, >% Select (fratto = Sum(f, norm=Time)/totalf month = Sum (m, non = Time)/totalm) not == but = we arrang (desc(total)) attentat % > 16 tettorp = furthern (n)

X = vector (type = m, leyth=n-1)

To=0 VI=Z X国=X[1-1]+2 beton X tup % > % ggplot (als (x=n, y=rest) + geompoint () + geom_smooth [] date % > % police genre, value = dNIS_SG, tussent, foh_alm) Grup by (Gurn) 1, > 6 celestet, (Genere, Sun-dNISSG=Sum(dNISSG)

```
tib(n)
       if n == 1
          betun (0)
       H N==2
          hem (1)
          result=fib(n-1)+fib(n-2)
          netus (result)
           gatur (key= curty, valu= nm, Alg, Prezzl, Col) 1/2>
       table 2 > %
            growby (contry) 1/0 7%
            mitée (Aug = mean (nun) / >6
            imer-john (Country) 1/6 > 1/6
             selat (Alom, Aug)
15.
       for i in 1:5}
           for jim 1:58
              Mat [i]tj]=(i==j)
        for i in 1:50
16.
           dusc Ei7 = aset 51- des as Ei]
         for 7 in 1:50
            mod = 1/0 26

Kill = 7-25
             # Ei] = arc[i] + mod*kill
```

17.

vec = str-split("um colf- Pa)

sel= (vec == 1")

sum (sel)

18.

gather (angustry, key=type, value=value ()zan, sodork, whin, tim)

19.

take only
$$V_1 == a$$

| v. $V_2 V_3 V_4$
| a 1 2 10
| a 2 \$ 20
| selet only $V_3 V_4$ col

| alpha 10
| apply (data, fix)

tunsfim

| Apple Banar

| V = 2
| V + 10
| V + 20
| Revare

| Apple Dam

| V = 2
| V + 10
| V + 20
| Color = "blue"

| Y | In = (0, 1900)

| Sel = x < 0
| return x [sel]

| Free zigs = Sapphy (Comp, be)

Do b.

for i in i: norm(deta) [

fix(datatiz) = (fixolatati,))

} apply I data, fix) 21. galamonds % 7% ggiplot (aus(x=Corat, y=prhe) colon=cut) + a geompint (size=3)+ geom_smooth() se=false, Y (in = (0, 1900)) toloozeno (X) & fulx) sel= x<0 return X[sel] freezings = Supply (Comp, beloze