

Assignment 1

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9/18/2019

1. Calculate the following sum

```
s1 = c(1:2019)
sum(s1)
```

```
## [1] 2039190
```

```
s2 = c(1:2019)
sum(s2^3)
```

```
## [1] 4.158296e+12
```

```
s3<-c(1:2019)
sum(s3^s3)
```

```
## [1] Inf
```

```
s4 = c(1:2019)
y = c(1,-1)
sum((s4*y)^s4)
```

```
## Warning in s4 * y: longer object length is not a multiple of shorter object
## length
```

```
## [1] Inf
```

```
s5 = c(1:2019)
sum(1/(s5^2))
```

```
## [1] 1.644439
```

```
s6 = c(1:2019)
sum(1/(s6))
```

```
## [1] 8.187821
```

```
s7 = c(1:2019)
sum(1/(s7^3))
```

```
## [1] 1.202057
```

```
s8 = c(1:2019)
y = c(1,-1)
sum(1/(s8*y))
```

```
## Warning in s8 * y: longer object length is not a multiple of shorter object
## length
```

```
## [1] 0.6933948
```

2. Generate random variable

a.

```
a = rnorm(1000,mean=10,sd=1)
mean(a)
```

```
## [1] 10.02142
```

```
sd(a)
```

```
## [1] 0.9989056
```

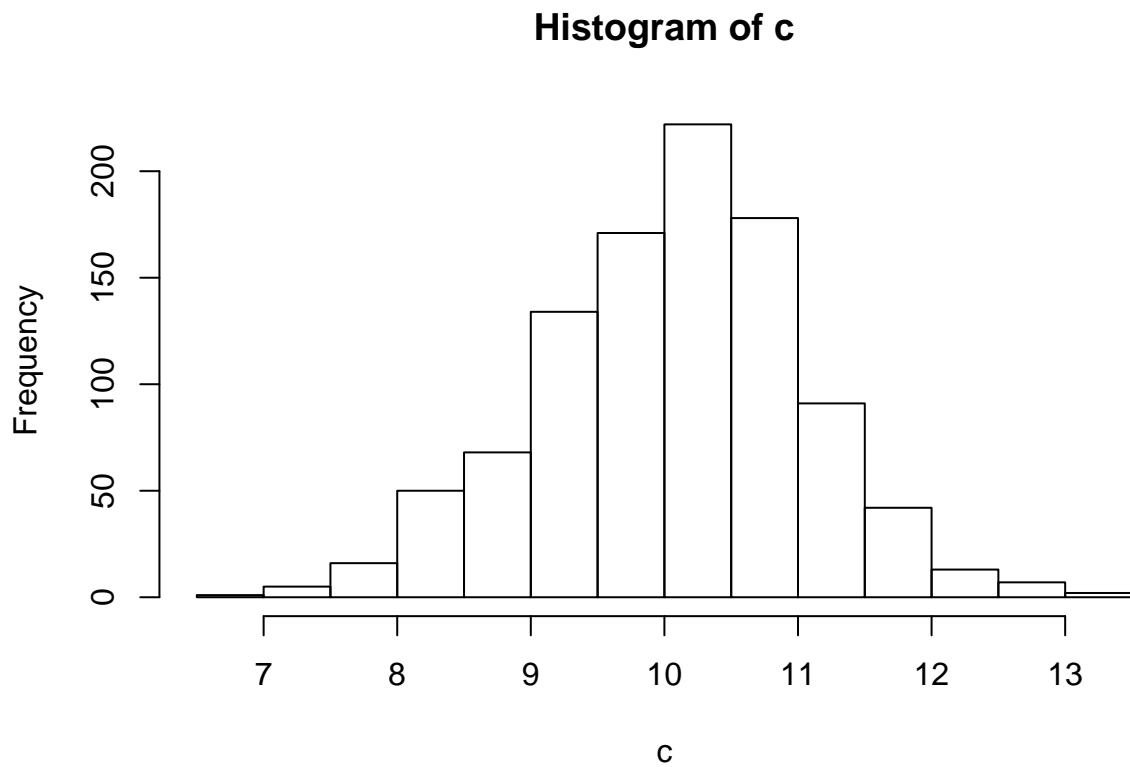
b.

```
b = rnorm(1000,mean=10,sd=1)
a = b > 10
sum(a)
```

```
## [1] 506
```

c.

```
c = rnorm(1000,mean=10,sd=1)
hist(c)
```



d.

```
d = rnorm(1000,mean=2,sd=1)
x = (d > 1)
sum(x/1000)
```

```
## [1] 0.841
```

3. Consider an experiment of tossing a fair dice

```
x = c(1:6)
y=sample(x,1000,replace=TRUE)
mean(y)
```

```
## [1] 3.479
```

```
sd(y)
```

```
## [1] 1.698365
```

```
z=y>5
sum(z)
```

```
## [1] 169
```

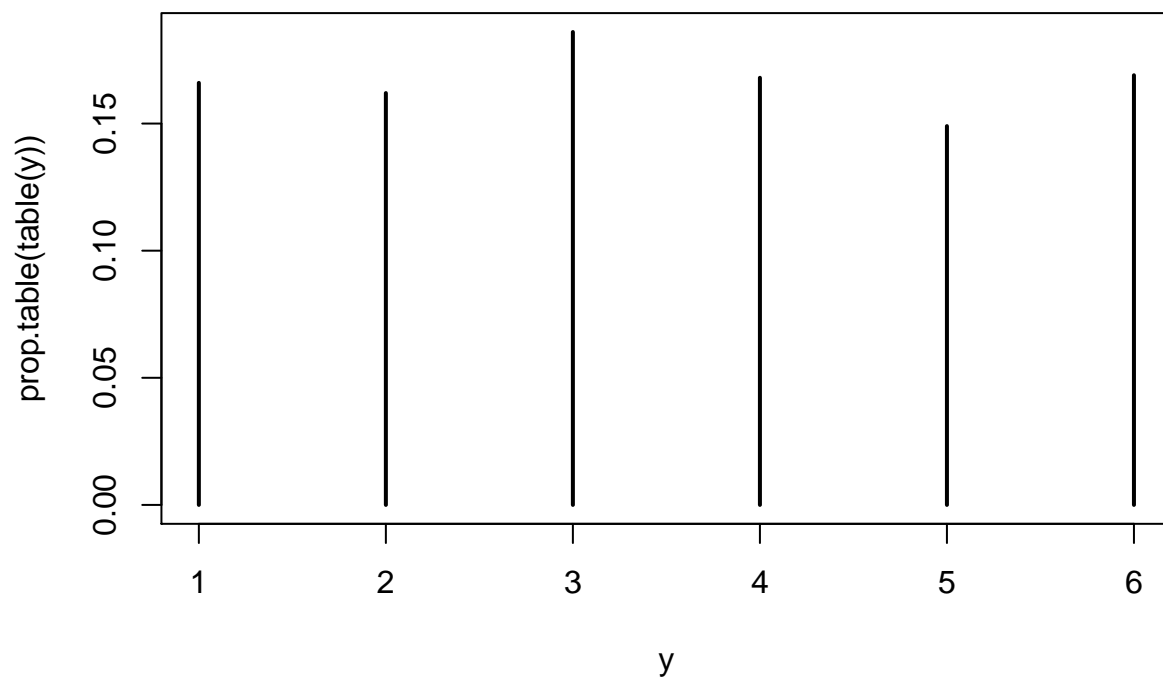
```
table(y)
```

```
## y  
##  1  2  3  4  5  6  
## 166 162 186 168 149 169
```

```
prop.table(table(y))
```

```
## y  
##  1  2  3  4  5  6  
## 0.166 0.162 0.186 0.168 0.149 0.169
```

```
plot(prop.table(table(y)))
```



4. Consider an experiment of tossing a dice 3 times.

```
x = c(1:6)  
y = matrix(sample(x,3000,replace=TRUE),nrow = 1000)  
sum(y[,1]>y[,2]+y[,3])/1000
```

```
## [1] 0.083
```

```
sum(y[,1]^2>y[,2]^2+y[,3]^2)/1000
```

```
## [1] 0.206
```

5. Using simulation, estimate the probability of getting three tails in a row when tossing a coin 3 times

```
x = c(0,1)
y = matrix(sample(x,3000,replace = TRUE) , nrow = 1000)
sum(y[,1]+y[,2]+y[,3]==0)/1000
```

```
## [1] 0.128
```

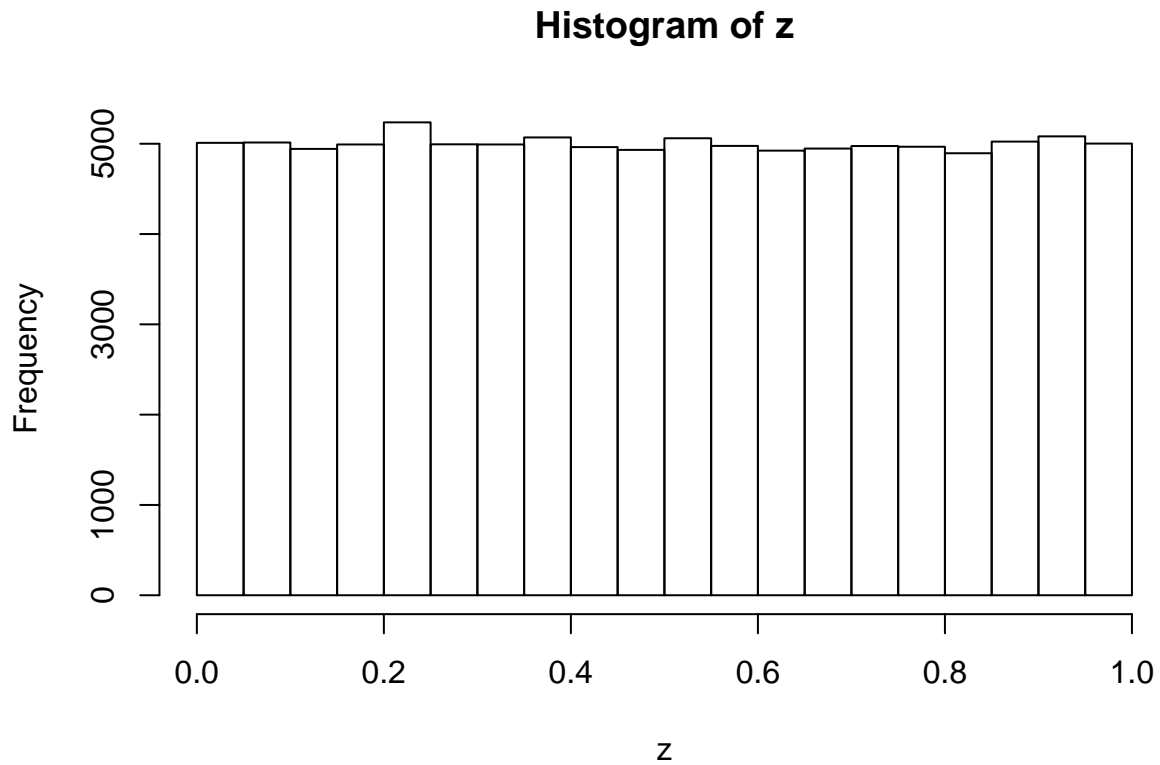
6.Using simulation, estimate the probability of getting three tails in a row when tossing a coin 10 times

```
x = c(0,1)
y = matrix(sample(x,30,replace = TRUE) , nrow = 10)
sum(y[,1]+y[,2]+y[,3]==0)/1000
```

```
## [1] 0
```

7 Central Limit Theorem

```
x=runif(100000,0,1)
y=matrix(data=x,nrow = 100)
z=rowsum(y,c(1:100))
hist(z)
```



```
#### 7 titanic data
```

```
d = read.csv("C:/Users/student/Documents/Senior Year/Fall Semester/R Analytics/Data Set/titanic.csv")
```

8 Use knitr::kable function to nicely print out the first 10 rows of the data in markdown

```
knitr::kable(d)
```

PassengerId	Survived	Pclass	Name	Sex
1	0	3	Braund, Mr. Owen Harris	male
2	1	1	Cumings, Mrs. John Bradley (Florence Briggs Thayer)	female
3	1	3	Heikkinen, Miss. Laina	female
4	1	1	Futrelle, Mrs. Jacques Heath (Lily May Peel)	female
5	0	3	Allen, Mr. William Henry	male
6	0	3	Moran, Mr. James	male
7	0	1	McCarthy, Mr. Timothy J	male
8	0	3	Palsson, Master. Gosta Leonard	male
9	1	3	Johnson, Mrs. Oscar W (Elisabeth Vilhelmina Berg)	female
10	1	2	Nasser, Mrs. Nicholas (Adele Achem)	female
11	1	3	Sandstrom, Miss. Marguerite Rut	female
12	1	1	Bonnell, Miss. Elizabeth	female
13	0	3	Saunderscock, Mr. William Henry	male
14	0	3	Andersson, Mr. Anders Johan	male
15	0	3	Vestrom, Miss. Hulda Amanda Adolfina	female
16	1	2	Hewlett, Mrs. (Mary D Kingcome)	female

PassengerId	Survived	Pclass	Name	Sex
17	0	3	Rice, Master. Eugene	ma
18	1	2	Williams, Mr. Charles Eugene	ma
19	0	3	Vander Planke, Mrs. Julius (Emelia Maria Vandemoortele)	fe
20	1	3	Masselmani, Mrs. Fatima	fe
21	0	2	Fynney, Mr. Joseph J	ma
22	1	2	Beesley, Mr. Lawrence	ma
23	1	3	McGowan, Miss. Anna "Annie"	fe
24	1	1	Sloper, Mr. William Thompson	ma
25	0	3	Palsson, Miss. Torborg Danira	fe
26	1	3	Asplund, Mrs. Carl Oscar (Selma Augusta Emilia Johansson)	fe
27	0	3	Emir, Mr. Farred Chehab	ma
28	0	1	Fortune, Mr. Charles Alexander	ma
29	1	3	O'Dwyer, Miss. Ellen "Nellie"	fe
30	0	3	Todoroff, Mr. Lalio	ma
31	0	1	Uruchurtu, Don. Manuel E	ma
32	1	1	Spencer, Mrs. William Augustus (Marie Eugenie)	fe
33	1	3	Glynn, Miss. Mary Agatha	fe
34	0	2	Wheadon, Mr. Edward H	ma
35	0	1	Meyer, Mr. Edgar Joseph	ma
36	0	1	Holverson, Mr. Alexander Oskar	ma
37	1	3	Mamee, Mr. Hanna	ma
38	0	3	Cann, Mr. Ernest Charles	ma
39	0	3	Vander Planke, Miss. Augusta Maria	fe
40	1	3	Nicola-Yarred, Miss. Jamila	fe
41	0	3	Ahlin, Mrs. Johan (Johanna Persdotter Larsson)	fe
42	0	2	Turpin, Mrs. William John Robert (Dorothy Ann Wonnacott)	fe
43	0	3	Kraeff, Mr. Theodor	ma
44	1	2	Laroche, Miss. Simonne Marie Anne Andree	fe
45	1	3	Devaney, Miss. Margaret Delia	fe
46	0	3	Rogers, Mr. William John	ma
47	0	3	Lennon, Mr. Denis	ma
48	1	3	O'Driscoll, Miss. Bridget	fe
49	0	3	Samaan, Mr. Youssef	ma
50	0	3	Arnold-Franchi, Mrs. Josef (Josefine Franchi)	fe
51	0	3	Panula, Master. Juha Niilo	ma
52	0	3	Nosworthy, Mr. Richard Cater	ma
53	1	1	Harper, Mrs. Henry Sleeper (Myna Haxtun)	fe
54	1	2	Faunthorpe, Mrs. Lizzie (Elizabeth Anne Wilkinson)	fe
55	0	1	Ostby, Mr. Engelhart Cornelius	ma
56	1	1	Woolner, Mr. Hugh	ma
57	1	2	Rugg, Miss. Emily	fe
58	0	3	Novel, Mr. Mansouer	ma
59	1	2	West, Miss. Constance Mirium	fe
60	0	3	Goodwin, Master. William Frederick	ma
61	0	3	Sirayanian, Mr. Orsen	ma
62	1	1	Icard, Miss. Amelie	fe
63	0	1	Harris, Mr. Henry Birkhardt	ma
64	0	3	Skoog, Master. Harald	ma
65	0	1	Stewart, Mr. Albert A	ma
66	1	3	Moubarek, Master. Gerios	ma
67	1	2	Nye, Mrs. (Elizabeth Ramell)	fe
68	0	3	Crease, Mr. Ernest James	ma

PassengerId	Survived	Pclass	Name	Sex
69	1	3	Andersson, Miss. Erna Alexandra	female
70	0	3	Kink, Mr. Vincenz	male
71	0	2	Jenkin, Mr. Stephen Curnow	male
72	0	3	Goodwin, Miss. Lillian Amy	female
73	0	2	Hood, Mr. Ambrose Jr	male
74	0	3	Chronopoulos, Mr. Apostolos	male
75	1	3	Bing, Mr. Lee	male
76	0	3	Moen, Mr. Sigurd Hansen	male
77	0	3	Staneff, Mr. Ivan	male
78	0	3	Moutal, Mr. Rahamin Haim	male
79	1	2	Caldwell, Master. Alden Gates	male
80	1	3	Dowdell, Miss. Elizabeth	female
81	0	3	Waelens, Mr. Achille	male
82	1	3	Sheerlinck, Mr. Jan Baptist	male
83	1	3	McDermott, Miss. Brigdet Delia	female
84	0	1	Carrau, Mr. Francisco M	male
85	1	2	Ilett, Miss. Bertha	female
86	1	3	Backstrom, Mrs. Karl Alfred (Maria Mathilda Gustafsson)	female
87	0	3	Ford, Mr. William Neal	male
88	0	3	Slocovski, Mr. Selman Francis	male
89	1	1	Fortune, Miss. Mabel Helen	female
90	0	3	Celotti, Mr. Francesco	male
91	0	3	Christmann, Mr. Emil	male
92	0	3	Andreasson, Mr. Paul Edvin	male
93	0	1	Chaffee, Mr. Herbert Fuller	male
94	0	3	Dean, Mr. Bertram Frank	male
95	0	3	Coxon, Mr. Daniel	male
96	0	3	Shorney, Mr. Charles Joseph	male
97	0	1	Goldschmidt, Mr. George B	male
98	1	1	Greenfield, Mr. William Bertram	male
99	1	2	Doling, Mrs. John T (Ada Julia Bone)	female
100	0	2	Kantor, Mr. Sinai	male
101	0	3	Petranec, Miss. Matilda	female
102	0	3	Petroff, Mr. Pastcho ("Pentcho")	male
103	0	1	White, Mr. Richard Frasar	male
104	0	3	Johansson, Mr. Gustaf Joel	male
105	0	3	Gustafsson, Mr. Anders Vilhelm	male
106	0	3	Mionoff, Mr. Stoytcho	male
107	1	3	Salkjelsvik, Miss. Anna Kristine	female
108	1	3	Moss, Mr. Albert Johan	male
109	0	3	Rekic, Mr. Tido	male
110	1	3	Moran, Miss. Bertha	female
111	0	1	Porter, Mr. Walter Chamberlain	male
112	0	3	Zabour, Miss. Hileni	female
113	0	3	Barton, Mr. David John	male
114	0	3	Jussila, Miss. Katriina	female
115	0	3	Attalah, Miss. Malake	female
116	0	3	Pekoniemi, Mr. Edvard	male
117	0	3	Connors, Mr. Patrick	male
118	0	2	Turpin, Mr. William John Robert	male
119	0	1	Baxter, Mr. Quigg Edmond	male
120	0	3	Andersson, Miss. Ellis Anna Maria	female

PassengerId	Survived	Pclass	Name	Sex
121	0	2	Hickman, Mr. Stanley George	ma
122	0	3	Moore, Mr. Leonard Charles	ma
123	0	2	Nasser, Mr. Nicholas	ma
124	1	2	Webber, Miss. Susan	fe
125	0	1	White, Mr. Percival Wayland	ma
126	1	3	Nicola-Yarred, Master. Elias	ma
127	0	3	McMahon, Mr. Martin	ma
128	1	3	Madsen, Mr. Fridtjof Arne	ma
129	1	3	Peter, Miss. Anna	fe
130	0	3	Ekstrom, Mr. Johan	ma
131	0	3	Drazenoic, Mr. Jozef	ma
132	0	3	Coelho, Mr. Domingos Fernando	ma
133	0	3	Robins, Mrs. Alexander A (Grace Charity Laury)	fe
134	1	2	Weisz, Mrs. Leopold (Mathilde Francoise Pede)	fe
135	0	2	Sobey, Mr. Samuel James Hayden	ma
136	0	2	Richard, Mr. Emile	ma
137	1	1	Newsom, Miss. Helen Monypeny	fe
138	0	1	Futrelle, Mr. Jacques Heath	ma
139	0	3	Osen, Mr. Olaf Elon	ma
140	0	1	Giglio, Mr. Victor	ma
141	0	3	Boulos, Mrs. Joseph (Sultana)	fe
142	1	3	Nysten, Miss. Anna Sofia	fe
143	1	3	Hakkarainen, Mrs. Pekka Pietari (Elin Matilda Dolck)	fe
144	0	3	Burke, Mr. Jeremiah	ma
145	0	2	Andrew, Mr. Edgardo Samuel	ma
146	0	2	Nicholls, Mr. Joseph Charles	ma
147	1	3	Andersson, Mr. August Edvard ("Wennerstrom")	ma
148	0	3	Ford, Miss. Robina Maggie "Ruby"	fe
149	0	2	Navratil, Mr. Michel ("Louis M Hoffman")	ma
150	0	2	Byles, Rev. Thomas Roussel Davids	ma
151	0	2	Bateman, Rev. Robert James	ma
152	1	1	Pears, Mrs. Thomas (Edith Wearne)	fe
153	0	3	Meo, Mr. Alfonzo	ma
154	0	3	van Billiard, Mr. Austin Blyler	ma
155	0	3	Olsen, Mr. Ole Martin	ma
156	0	1	Williams, Mr. Charles Duane	ma
157	1	3	Gilnagh, Miss. Katherine "Katie"	fe
158	0	3	Corn, Mr. Harry	ma
159	0	3	Smiljanic, Mr. Mile	ma
160	0	3	Sage, Master. Thomas Henry	ma
161	0	3	Cribb, Mr. John Hatfield	ma
162	1	2	Watt, Mrs. James (Elizabeth "Bessie" Inglis Milne)	fe
163	0	3	Bengtsson, Mr. John Viktor	ma
164	0	3	Calic, Mr. Jovo	ma
165	0	3	Panula, Master. Eino Viljami	ma
166	1	3	Goldsmith, Master. Frank John William "Frankie"	ma
167	1	1	Chibnall, Mrs. (Edith Martha Bowerman)	fe
168	0	3	Skoog, Mrs. William (Anna Bernhardina Karlsson)	fe
169	0	1	Baumann, Mr. John D	ma
170	0	3	Ling, Mr. Lee	ma
171	0	1	Van der hoef, Mr. Wyckoff	ma
172	0	3	Rice, Master. Arthur	ma

PassengerId	Survived	Pclass	Name	Sex
173	1	3	Johnson, Miss. Eleanor Ileen	female
174	0	3	Sivola, Mr. Antti Wilhelm	male
175	0	1	Smith, Mr. James Clinch	male
176	0	3	Klasen, Mr. Klas Albin	male
177	0	3	Lefebvre, Master. Henry Forbes	male
178	0	1	Isham, Miss. Ann Elizabeth	female
179	0	2	Hale, Mr. Reginald	male
180	0	3	Leonard, Mr. Lionel	male
181	0	3	Sage, Miss. Constance Gladys	female
182	0	2	Pernot, Mr. Rene	male
183	0	3	Asplund, Master. Clarence Gustaf Hugo	male
184	1	2	Becker, Master. Richard F	male
185	1	3	Kink-Heilmann, Miss. Luise Gretchen	female
186	0	1	Rood, Mr. Hugh Roscoe	male
187	1	3	O'Brien, Mrs. Thomas (Johanna "Hannah" Godfrey)	female
188	1	1	Romaine, Mr. Charles Hallace ("Mr C Rolmane")	male
189	0	3	Bourke, Mr. John	male
190	0	3	Turcin, Mr. Stjepan	male
191	1	2	Pinsky, Mrs. (Rosa)	female
192	0	2	Carbines, Mr. William	male
193	1	3	Andersen-Jensen, Miss. Carla Christine Nielsine	female
194	1	2	Navratil, Master. Michel M	male
195	1	1	Brown, Mrs. James Joseph (Margaret Tobin)	female
196	1	1	Lurette, Miss. Elise	female
197	0	3	Mernagh, Mr. Robert	male
198	0	3	Olsen, Mr. Karl Siegwart Andreas	male
199	1	3	Madigan, Miss. Margaret "Maggie"	female
200	0	2	Yrois, Miss. Henriette ("Mrs Harbeck")	female
201	0	3	Vande Walle, Mr. Nestor Cyriel	male
202	0	3	Sage, Mr. Frederick	male
203	0	3	Johanson, Mr. Jakob Alfred	male
204	0	3	Youseff, Mr. Gerious	male
205	1	3	Cohen, Mr. Gurshon "Gus"	male
206	0	3	Strom, Miss. Telma Matilda	female
207	0	3	Backstrom, Mr. Karl Alfred	male
208	1	3	Albimona, Mr. Nassef Cassem	male
209	1	3	Carr, Miss. Helen "Ellen"	female
210	1	1	Blank, Mr. Henry	male
211	0	3	Ali, Mr. Ahmed	male
212	1	2	Cameron, Miss. Clear Annie	female
213	0	3	Perkin, Mr. John Henry	male
214	0	2	Givard, Mr. Hans Kristensen	male
215	0	3	Kiernan, Mr. Philip	male
216	1	1	Newell, Miss. Madeleine	female
217	1	3	Honkanen, Miss. Eliina	female
218	0	2	Jacobsohn, Mr. Sidney Samuel	male
219	1	1	Bazzani, Miss. Albina	female
220	0	2	Harris, Mr. Walter	male
221	1	3	Sunderland, Mr. Victor Francis	male
222	0	2	Bracken, Mr. James H	male
223	0	3	Green, Mr. George Henry	male
224	0	3	Nenkoff, Mr. Christo	male

PassengerId	Survived	Pclass	Name	Sex
225	1	1	Hoyt, Mr. Frederick Maxfield	ma
226	0	3	Berglund, Mr. Karl Ivar Sven	ma
227	1	2	Mellors, Mr. William John	ma
228	0	3	Lovell, Mr. John Hall ("Henry")	ma
229	0	2	Fahlstrom, Mr. Arne Jonas	ma
230	0	3	Lefebvre, Miss. Mathilde	fe
231	1	1	Harris, Mrs. Henry Birkhardt (Irene Wallach)	fe
232	0	3	Larsson, Mr. Bengt Edvin	ma
233	0	2	Sjostedt, Mr. Ernst Adolf	ma
234	1	3	Asplund, Miss. Lillian Gertrud	fe
235	0	2	Leyson, Mr. Robert William Norman	ma
236	0	3	Harknett, Miss. Alice Phoebe	fe
237	0	2	Hold, Mr. Stephen	ma
238	1	2	Collyer, Miss. Marjorie "Lottie"	fe
239	0	2	Pengelly, Mr. Frederick William	ma
240	0	2	Hunt, Mr. George Henry	ma
241	0	3	Zabour, Miss. Thamine	fe
242	1	3	Murphy, Miss. Katherine "Kate"	fe
243	0	2	Coleridge, Mr. Reginald Charles	ma
244	0	3	Maenpaa, Mr. Matti Alexanteri	ma
245	0	3	Attalah, Mr. Sleiman	ma
246	0	1	Minahan, Dr. William Edward	ma
247	0	3	Lindahl, Miss. Agda Thorilda Viktoria	fe
248	1	2	Hamalainen, Mrs. William (Anna)	fe
249	1	1	Beckwith, Mr. Richard Leonard	ma
250	0	2	Carter, Rev. Ernest Courtenay	ma
251	0	3	Reed, Mr. James George	ma
252	0	3	Strom, Mrs. Wilhelm (Elna Matilda Persson)	fe
253	0	1	Stead, Mr. William Thomas	ma
254	0	3	Lobb, Mr. William Arthur	ma
255	0	3	Rosblom, Mrs. Viktor (Helena Wilhelmina)	fe
256	1	3	Touma, Mrs. Darwis (Hanne Youssef Razi)	fe
257	1	1	Thorne, Mrs. Gertrude Maybelle	fe
258	1	1	Cherry, Miss. Gladys	fe
259	1	1	Ward, Miss. Anna	fe
260	1	2	Parrish, Mrs. (Lutie Davis)	fe
261	0	3	Smith, Mr. Thomas	ma
262	1	3	Asplund, Master. Edvin Rojj Felix	ma
263	0	1	Taussig, Mr. Emil	ma
264	0	1	Harrison, Mr. William	ma
265	0	3	Henry, Miss. Delia	fe
266	0	2	Reeves, Mr. David	ma
267	0	3	Panula, Mr. Ernesti Arvid	ma
268	1	3	Persson, Mr. Ernst Ulrik	ma
269	1	1	Graham, Mrs. William Thompson (Edith Junkins)	fe
270	1	1	Bissette, Miss. Amelia	fe
271	0	1	Cairns, Mr. Alexander	ma
272	1	3	Tornquist, Mr. William Henry	ma
273	1	2	Mellinger, Mrs. (Elizabeth Anne Maidment)	fe
274	0	1	Natsch, Mr. Charles H	ma
275	1	3	Healy, Miss. Hanora "Nora"	fe
276	1	1	Andrews, Miss. Kornelia Theodosia	fe

PassengerId	Survived	Pclass	Name	Sex
277	0	3	Lindblom, Miss. Augusta Charlotta	female
278	0	2	Parkes, Mr. Francis "Frank"	male
279	0	3	Rice, Master. Eric	male
280	1	3	Abbott, Mrs. Stanton (Rosa Hunt)	female
281	0	3	Duane, Mr. Frank	male
282	0	3	Olsson, Mr. Nils Johan Goransson	male
283	0	3	de Pelsmaecker, Mr. Alfons	male
284	1	3	Dorking, Mr. Edward Arthur	male
285	0	1	Smith, Mr. Richard William	male
286	0	3	Stankovic, Mr. Ivan	male
287	1	3	de Mulder, Mr. Theodore	male
288	0	3	Naidenoff, Mr. Penko	male
289	1	2	Hosono, Mr. Masabumi	male
290	1	3	Connolly, Miss. Kate	female
291	1	1	Barber, Miss. Ellen "Nellie"	female
292	1	1	Bishop, Mrs. Dickinson H (Helen Walton)	female
293	0	2	Levy, Mr. Rene Jacques	male
294	0	3	Haas, Miss. Aloisia	female
295	0	3	Mineff, Mr. Ivan	male
296	0	1	Lewy, Mr. Ervin G	male
297	0	3	Hanna, Mr. Mansour	male
298	0	1	Allison, Miss. Helen Loraine	female
299	1	1	Saalfeld, Mr. Adolphe	male
300	1	1	Baxter, Mrs. James (Helene DeLaudeniére Chaput)	female
301	1	3	Kelly, Miss. Anna Katherine "Annie Kate"	female
302	1	3	McCoy, Mr. Bernard	male
303	0	3	Johnson, Mr. William Cahoone Jr	male
304	1	2	Keane, Miss. Nora A	female
305	0	3	Williams, Mr. Howard Hugh "Harry"	male
306	1	1	Allison, Master. Hudson Trevor	male
307	1	1	Fleming, Miss. Margaret	female
308	1	1	Penasco y Castellana, Mrs. Victor de Satode (Maria Josefa Perez de Soto y Vallejo)	female
309	0	2	Abelson, Mr. Samuel	male
310	1	1	Francatelli, Miss. Laura Mabel	female
311	1	1	Hays, Miss. Margaret Bechstein	female
312	1	1	Ryerson, Miss. Emily Borie	female
313	0	2	Lahtinen, Mrs. William (Anna Sylfven)	female
314	0	3	Hendekovic, Mr. Ignjac	male
315	0	2	Hart, Mr. Benjamin	male
316	1	3	Nilsson, Miss. Helmina Josefina	female
317	1	2	Kantor, Mrs. Sinai (Miriam Sternin)	female
318	0	2	Moraweck, Dr. Ernest	male
319	1	1	Wick, Miss. Mary Natalie	female
320	1	1	Spedden, Mrs. Frederic Oakley (Margaretta Corning Stone)	female
321	0	3	Dennis, Mr. Samuel	male
322	0	3	Danoff, Mr. Yoto	male
323	1	2	Slayter, Miss. Hilda Mary	female
324	1	2	Caldwell, Mrs. Albert Francis (Sylvia Mae Harbaugh)	female
325	0	3	Sage, Mr. George John Jr	male
326	1	1	Young, Miss. Marie Grice	female
327	0	3	Nysveen, Mr. Johan Hansen	male
328	1	2	Ball, Mrs. (Ada E Hall)	female

PassengerId	Survived	Pclass	Name	Sex
329	1	3	Goldsmith, Mrs. Frank John (Emily Alice Brown)	female
330	1	1	Hippach, Miss. Jean Gertrude	female
331	1	3	McCoy, Miss. Agnes	female
332	0	1	Partner, Mr. Austen	male
333	0	1	Graham, Mr. George Edward	male
334	0	3	Vander Planke, Mr. Leo Edmondus	male
335	1	1	Frauenthal, Mrs. Henry William (Clara Heinsheimer)	female
336	0	3	Denkoff, Mr. Mitto	male
337	0	1	Pears, Mr. Thomas Clinton	male
338	1	1	Burns, Miss. Elizabeth Margaret	female
339	1	3	Dahl, Mr. Karl Edwart	male
340	0	1	Blackwell, Mr. Stephen Weart	male
341	1	2	Navratil, Master. Edmond Roger	male
342	1	1	Fortune, Miss. Alice Elizabeth	female
343	0	2	Collander, Mr. Erik Gustaf	male
344	0	2	Sedgwick, Mr. Charles Frederick Waddington	male
345	0	2	Fox, Mr. Stanley Hubert	male
346	1	2	Brown, Miss. Amelia "Mildred"	female
347	1	2	Smith, Miss. Marion Elsie	female
348	1	3	Davison, Mrs. Thomas Henry (Mary E Finck)	female
349	1	3	Coutts, Master. William Loch "William"	male
350	0	3	Dimic, Mr. Jovan	male
351	0	3	Odahl, Mr. Nils Martin	male
352	0	1	Williams-Lambert, Mr. Fletcher Fellows	male
353	0	3	Elias, Mr. Tannous	male
354	0	3	Arnold-Franchi, Mr. Josef	male
355	0	3	Yousif, Mr. Wazli	male
356	0	3	Vanden Steen, Mr. Leo Peter	male
357	1	1	Bowerman, Miss. Elsie Edith	female
358	0	2	Funk, Miss. Annie Clemmer	female
359	1	3	McGovern, Miss. Mary	female
360	1	3	Mockler, Miss. Helen Mary "Ellie"	female
361	0	3	Skoog, Mr. Wilhelm	male
362	0	2	del Carlo, Mr. Sebastiano	male
363	0	3	Barbara, Mrs. (Catherine David)	female
364	0	3	Asim, Mr. Adola	male
365	0	3	O'Brien, Mr. Thomas	male
366	0	3	Adahl, Mr. Mauritz Nils Martin	male
367	1	1	Warren, Mrs. Frank Manley (Anna Sophia Atkinson)	female
368	1	3	Moussa, Mrs. (Mantoura Boulos)	female
369	1	3	Jermyn, Miss. Annie	female
370	1	1	Aubart, Mme. Leontine Pauline	female
371	1	1	Harder, Mr. George Achilles	male
372	0	3	Wiklund, Mr. Jakob Alfred	male
373	0	3	Beavan, Mr. William Thomas	male
374	0	1	Ringhini, Mr. Sante	male
375	0	3	Palsson, Miss. Stina Viola	female
376	1	1	Meyer, Mrs. Edgar Joseph (Leila Saks)	female
377	1	3	Landergren, Miss. Aurora Adelia	female
378	0	1	Widener, Mr. Harry Elkins	male
379	0	3	Betros, Mr. Tannous	male
380	0	3	Gustafsson, Mr. Karl Gideon	male

PassengerId	Survived	Pclass	Name	Sex
381	1	1	Bidois, Miss. Rosalie	female
382	1	3	Nakid, Miss. Maria ("Mary")	female
383	0	3	Tikkanen, Mr. Juho	male
384	1	1	Holverson, Mrs. Alexander Oskar (Mary Aline Towner)	female
385	0	3	Plotcharsky, Mr. Vasil	male
386	0	2	Davies, Mr. Charles Henry	male
387	0	3	Goodwin, Master. Sidney Leonard	male
388	1	2	Buss, Miss. Kate	female
389	0	3	Sadlier, Mr. Matthew	male
390	1	2	Lehmann, Miss. Bertha	female
391	1	1	Carter, Mr. William Ernest	male
392	1	3	Jansson, Mr. Carl Olof	male
393	0	3	Gustafsson, Mr. Johan Birger	male
394	1	1	Newell, Miss. Marjorie	female
395	1	3	Sandstrom, Mrs. Hjalmar (Agnes Charlotta Bengtsson)	female
396	0	3	Johansson, Mr. Erik	male
397	0	3	Olsson, Miss. Elina	female
398	0	2	McKane, Mr. Peter David	male
399	0	2	Pain, Dr. Alfred	male
400	1	2	Trout, Mrs. William H (Jessie L)	female
401	1	3	Niskanen, Mr. Juha	male
402	0	3	Adams, Mr. John	male
403	0	3	Jussila, Miss. Mari Aina	female
404	0	3	Hakkarainen, Mr. Pekka Pietari	male
405	0	3	Oreskovic, Miss. Marija	female
406	0	2	Gale, Mr. Shadrach	male
407	0	3	Widegren, Mr. Carl/Charles Peter	male
408	1	2	Richards, Master. William Rowe	male
409	0	3	Birkeland, Mr. Hans Martin Monsen	male
410	0	3	Lefebvre, Miss. Ida	female
411	0	3	Sdycoff, Mr. Todor	male
412	0	3	Hart, Mr. Henry	male
413	1	1	Minahan, Miss. Daisy E	female
414	0	2	Cunningham, Mr. Alfred Fleming	male
415	1	3	Sundman, Mr. Johan Julian	male
416	0	3	Meek, Mrs. Thomas (Annie Louise Rowley)	female
417	1	2	Drew, Mrs. James Vivian (Lulu Thorne Christian)	female
418	1	2	Silven, Miss. Lyyli Karoliina	female
419	0	2	Matthews, Mr. William John	male
420	0	3	Van Impe, Miss. Catharina	female
421	0	3	Gheorgheff, Mr. Stanio	male
422	0	3	Charters, Mr. David	male
423	0	3	Zimmerman, Mr. Leo	male
424	0	3	Danbom, Mrs. Ernst Gilbert (Anna Sigrid Maria Brogren)	female
425	0	3	Rosblom, Mr. Viktor Richard	male
426	0	3	Wiseman, Mr. Phillippe	male
427	1	2	Clarke, Mrs. Charles V (Ada Maria Winfield)	female
428	1	2	Phillips, Miss. Kate Florence ("Mrs Kate Louise Phillips Marshall")	female
429	0	3	Flynn, Mr. James	male
430	1	3	Pickard, Mr. Berk (Berk Trembisky)	male
431	1	1	Bjornstrom-Steffansson, Mr. Mauritz Hakan	male
432	1	3	Thorneycroft, Mrs. Percival (Florence Kate White)	female

PassengerId	Survived	Pclass	Name	Sex
433	1	2	Louch, Mrs. Charles Alexander (Alice Adelaide Slow)	female
434	0	3	Kallio, Mr. Nikolai Erland	male
435	0	1	Silvey, Mr. William Baird	male
436	1	1	Carter, Miss. Lucile Polk	female
437	0	3	Ford, Miss. Doolina Margaret "Daisy"	female
438	1	2	Richards, Mrs. Sidney (Emily Hocking)	female
439	0	1	Fortune, Mr. Mark	male
440	0	2	Kvillner, Mr. Johan Henrik Johannesson	male
441	1	2	Hart, Mrs. Benjamin (Esther Ada Bloomfield)	female
442	0	3	Hampe, Mr. Leon	male
443	0	3	Petterson, Mr. Johan Emil	male
444	1	2	Reynaldo, Ms. Encarnacion	female
445	1	3	Johannesen-Bratthammer, Mr. Bernt	male
446	1	1	Dodge, Master. Washington	male
447	1	2	Mellinger, Miss. Madeleine Violet	female
448	1	1	Seward, Mr. Frederic Kimber	male
449	1	3	Baclini, Miss. Marie Catherine	female
450	1	1	Peuchen, Major. Arthur Godfrey	male
451	0	2	West, Mr. Edwy Arthur	male
452	0	3	Hagland, Mr. Ingvald Olai Olsen	male
453	0	1	Foreman, Mr. Benjamin Laventall	male
454	1	1	Goldenberg, Mr. Samuel L	male
455	0	3	Peduzzi, Mr. Joseph	male
456	1	3	Jalsevac, Mr. Ivan	male
457	0	1	Millet, Mr. Francis Davis	male
458	1	1	Kenyon, Mrs. Frederick R (Marion)	female
459	1	2	Toomey, Miss. Ellen	female
460	0	3	O'Connor, Mr. Maurice	male
461	1	1	Anderson, Mr. Harry	male
462	0	3	Morley, Mr. William	male
463	0	1	Gee, Mr. Arthur H	male
464	0	2	Milling, Mr. Jacob Christian	male
465	0	3	Maisner, Mr. Simon	male
466	0	3	Goncalves, Mr. Manuel Estanslas	male
467	0	2	Campbell, Mr. William	male
468	0	1	Smart, Mr. John Montgomery	male
469	0	3	Scanlan, Mr. James	male
470	1	3	Baclini, Miss. Helene Barbara	female
471	0	3	Keefe, Mr. Arthur	male
472	0	3	Cacic, Mr. Luka	male
473	1	2	West, Mrs. Edwy Arthur (Ada Mary Worth)	female
474	1	2	Jerwan, Mrs. Amin S (Marie Marthe Thuillard)	female
475	0	3	Strandberg, Miss. Ida Sofia	female
476	0	1	Clifford, Mr. George Quincy	male
477	0	2	Renouf, Mr. Peter Henry	male
478	0	3	Braund, Mr. Lewis Richard	male
479	0	3	Karlsson, Mr. Nils August	male
480	1	3	Hirvonen, Miss. Hildur E	female
481	0	3	Goodwin, Master. Harold Victor	male
482	0	2	Frost, Mr. Anthony Wood "Archie"	male
483	0	3	Rouse, Mr. Richard Henry	male
484	1	3	Turkula, Mrs. (Hedwig)	female

PassengerId	Survived	Pclass	Name	Sex
485	1	1	Bishop, Mr. Dickinson H	ma
486	0	3	Lefebvre, Miss. Jeannie	fe
487	1	1	Hoyt, Mrs. Frederick Maxfield (Jane Anne Forby)	fe
488	0	1	Kent, Mr. Edward Austin	ma
489	0	3	Somerton, Mr. Francis William	ma
490	1	3	Coutts, Master. Eden Leslie "Neville"	ma
491	0	3	Hagland, Mr. Konrad Mathias Reiersen	ma
492	0	3	Windelov, Mr. Einar	ma
493	0	1	Molson, Mr. Harry Markland	ma
494	0	1	Artagaveytia, Mr. Ramon	ma
495	0	3	Stanley, Mr. Edward Roland	ma
496	0	3	Yousseff, Mr. Gerious	ma
497	1	1	Eustis, Miss. Elizabeth Mussey	fe
498	0	3	Shellard, Mr. Frederick William	ma
499	0	1	Allison, Mrs. Hudson J C (Bessie Waldo Daniels)	fe
500	0	3	Svensson, Mr. Olof	ma
501	0	3	Calic, Mr. Petar	ma
502	0	3	Canavan, Miss. Mary	fe
503	0	3	O'Sullivan, Miss. Bridget Mary	fe
504	0	3	Laitinen, Miss. Kristina Sofia	fe
505	1	1	Maioni, Miss. Roberta	fe
506	0	1	Penasco y Castellana, Mr. Victor de Satode	ma
507	1	2	Quick, Mrs. Frederick Charles (Jane Richards)	fe
508	1	1	Bradley, Mr. George ("George Arthur Brayton")	ma
509	0	3	Olsen, Mr. Henry Margido	ma
510	1	3	Lang, Mr. Fang	ma
511	1	3	Daly, Mr. Eugene Patrick	ma
512	0	3	Webber, Mr. James	ma
513	1	1	McGough, Mr. James Robert	ma
514	1	1	Rothschild, Mrs. Martin (Elizabeth L. Barrett)	fe
515	0	3	Coleff, Mr. Satio	ma
516	0	1	Walker, Mr. William Anderson	ma
517	1	2	Lemore, Mrs. (Amelia Milley)	fe
518	0	3	Ryan, Mr. Patrick	ma
519	1	2	Angle, Mrs. William A (Florence "Mary" Agnes Hughes)	fe
520	0	3	Pavlovic, Mr. Stefo	ma
521	1	1	Perreault, Miss. Anne	fe
522	0	3	Vovk, Mr. Janko	ma
523	0	3	Lahoud, Mr. Sarkis	ma
524	1	1	Hippach, Mrs. Louis Albert (Ida Sophia Fischer)	fe
525	0	3	Kassem, Mr. Fared	ma
526	0	3	Farrell, Mr. James	ma
527	1	2	Ridsdale, Miss. Lucy	fe
528	0	1	Farthing, Mr. John	ma
529	0	3	Salonen, Mr. Johan Werner	ma
530	0	2	Hocking, Mr. Richard George	ma
531	1	2	Quick, Miss. Phyllis May	fe
532	0	3	Toufik, Mr. Nakli	ma
533	0	3	Elias, Mr. Joseph Jr	ma
534	1	3	Peter, Mrs. Catherine (Catherine Rizk)	fe
535	0	3	Cacic, Miss. Marija	fe
536	1	2	Hart, Miss. Eva Miriam	fe

PassengerId	Survived	Pclass	Name	Sex
537	0	1	Butt, Major. Archibald Willingham	ma
538	1	1	LeRoy, Miss. Bertha	fe
539	0	3	Risien, Mr. Samuel Beard	ma
540	1	1	Frolicher, Miss. Hedwig Margaritha	fe
541	1	1	Crosby, Miss. Harriet R	fe
542	0	3	Andersson, Miss. Ingeborg Constanzia	fe
543	0	3	Andersson, Miss. Sigrid Elisabeth	fe
544	1	2	Beane, Mr. Edward	ma
545	0	1	Douglas, Mr. Walter Donald	ma
546	0	1	Nicholson, Mr. Arthur Ernest	ma
547	1	2	Beane, Mrs. Edward (Ethel Clarke)	fe
548	1	2	Padro y Manent, Mr. Julian	ma
549	0	3	Goldsmith, Mr. Frank John	ma
550	1	2	Davies, Master. John Morgan Jr	ma
551	1	1	Thayer, Mr. John Borland Jr	ma
552	0	2	Sharp, Mr. Percival James R	ma
553	0	3	O'Brien, Mr. Timothy	ma
554	1	3	Leeni, Mr. Fahim ("Philip Zenni")	ma
555	1	3	Ohman, Miss. Velin	fe
556	0	1	Wright, Mr. George	ma
557	1	1	Duff Gordon, Lady. (Lucille Christiana Sutherland) ("Mrs Morgan")	fe
558	0	1	Robbins, Mr. Victor	ma
559	1	1	Taussig, Mrs. Emil (Tillie Mandelbaum)	fe
560	1	3	de Messemaeker, Mrs. Guillaume Joseph (Emma)	fe
561	0	3	Morrow, Mr. Thomas Rowan	ma
562	0	3	Sivic, Mr. Husein	ma
563	0	2	Norman, Mr. Robert Douglas	ma
564	0	3	Simmons, Mr. John	ma
565	0	3	Meanwell, Miss. (Marion Ogden)	fe
566	0	3	Davies, Mr. Alfred J	ma
567	0	3	Stoytcheff, Mr. Ilia	ma
568	0	3	Palsson, Mrs. Nils (Alma Cornelia Berglund)	fe
569	0	3	Doharr, Mr. Tannous	ma
570	1	3	Jonsson, Mr. Carl	ma
571	1	2	Harris, Mr. George	ma
572	1	1	Appleton, Mrs. Edward Dale (Charlotte Lamson)	fe
573	1	1	Flynn, Mr. John Irwin ("Irving")	ma
574	1	3	Kelly, Miss. Mary	fe
575	0	3	Rush, Mr. Alfred George John	ma
576	0	3	Patchett, Mr. George	ma
577	1	2	Garside, Miss. Ethel	fe
578	1	1	Silvey, Mrs. William Baird (Alice Munger)	fe
579	0	3	Caram, Mrs. Joseph (Maria Elias)	fe
580	1	3	Jussila, Mr. Eiriik	ma
581	1	2	Christy, Miss. Julie Rachel	fe
582	1	1	Thayer, Mrs. John Borland (Marian Longstreth Morris)	fe
583	0	2	Downton, Mr. William James	ma
584	0	1	Ross, Mr. John Hugo	ma
585	0	3	Paulner, Mr. Uscher	ma
586	1	1	Taussig, Miss. Ruth	fe
587	0	2	Jarvis, Mr. John Denzil	ma
588	1	1	Frolicher-Stehli, Mr. Maxmillian	ma

PassengerId	Survived	Pclass	Name	Sex
589	0	3	Gilinski, Mr. Eliezer	ma
590	0	3	Murdlin, Mr. Joseph	ma
591	0	3	Rintamaki, Mr. Matti	ma
592	1	1	Stephenson, Mrs. Walter Bertram (Martha Eustis)	fe
593	0	3	Elsbury, Mr. William James	ma
594	0	3	Bourke, Miss. Mary	fe
595	0	2	Chapman, Mr. John Henry	ma
596	0	3	Van Impe, Mr. Jean Baptiste	ma
597	1	2	Leitch, Miss. Jessie Wills	fe
598	0	3	Johnson, Mr. Alfred	ma
599	0	3	Boulos, Mr. Hanna	ma
600	1	1	Duff Gordon, Sir. Cosmo Edmund ("Mr Morgan")	ma
601	1	2	Jacobsohn, Mrs. Sidney Samuel (Amy Frances Christy)	fe
602	0	3	Slabenoff, Mr. Petco	ma
603	0	1	Harrington, Mr. Charles H	ma
604	0	3	Torber, Mr. Ernst William	ma
605	1	1	Homer, Mr. Harry ("Mr E Haven")	ma
606	0	3	Lindell, Mr. Edvard Bengtsson	ma
607	0	3	Karaic, Mr. Milan	ma
608	1	1	Daniel, Mr. Robert Williams	ma
609	1	2	Laroche, Mrs. Joseph (Juliette Marie Louise Lafargue)	fe
610	1	1	Shutes, Miss. Elizabeth W	fe
611	0	3	Andersson, Mrs. Anders Johan (Alfrida Konstantia Brogren)	fe
612	0	3	Jardin, Mr. Jose Neto	ma
613	1	3	Murphy, Miss. Margaret Jane	fe
614	0	3	Horgan, Mr. John	ma
615	0	3	Brocklebank, Mr. William Alfred	ma
616	1	2	Herman, Miss. Alice	fe
617	0	3	Danbom, Mr. Ernst Gilbert	ma
618	0	3	Lobb, Mrs. William Arthur (Cordelia K Stanlick)	fe
619	1	2	Becker, Miss. Marion Louise	fe
620	0	2	Gavey, Mr. Lawrence	ma
621	0	3	Yasbeck, Mr. Antoni	ma
622	1	1	Kimball, Mr. Edwin Nelson Jr	ma
623	1	3	Nakid, Mr. Sahid	ma
624	0	3	Hansen, Mr. Henry Damsgaard	ma
625	0	3	Bowen, Mr. David John "Dai"	ma
626	0	1	Sutton, Mr. Frederick	ma
627	0	2	Kirkland, Rev. Charles Leonard	ma
628	1	1	Longley, Miss. Gretchen Fiske	fe
629	0	3	Bostandyeff, Mr. Guentcho	ma
630	0	3	O'Connell, Mr. Patrick D	ma
631	1	1	Barkworth, Mr. Algernon Henry Wilson	ma
632	0	3	Lundahl, Mr. Johan Svensson	ma
633	1	1	Stahelin-Maeglin, Dr. Max	ma
634	0	1	Parr, Mr. William Henry Marsh	ma
635	0	3	Skoog, Miss. Mabel	fe
636	1	2	Davis, Miss. Mary	fe
637	0	3	Leinonen, Mr. Antti Gustaf	ma
638	0	2	Collyer, Mr. Harvey	ma
639	0	3	Panula, Mrs. Juha (Maria Emilia Ojala)	fe
640	0	3	Thornycroft, Mr. Percival	ma

PassengerId	Survived	Pclass	Name	Sex
641	0	3	Jensen, Mr. Hans Peder	male
642	1	1	Sagesser, Mlle. Emma	female
643	0	3	Skoog, Miss. Margit Elizabeth	female
644	1	3	Foo, Mr. Choong	male
645	1	3	Baclini, Miss. Eugenie	female
646	1	1	Harper, Mr. Henry Sleeper	male
647	0	3	Cor, Mr. Liudevit	male
648	1	1	Simonius-Blumer, Col. Oberst Alfons	male
649	0	3	Willey, Mr. Edward	male
650	1	3	Stanley, Miss. Amy Zillah Elsie	female
651	0	3	Mitkoff, Mr. Mito	male
652	1	2	Doling, Miss. Elsie	female
653	0	3	Kalvik, Mr. Johannes Halvorsen	male
654	1	3	O'Leary, Miss. Hanora "Norah"	female
655	0	3	Hegarty, Miss. Hanora "Nora"	female
656	0	2	Hickman, Mr. Leonard Mark	male
657	0	3	Radeff, Mr. Alexander	male
658	0	3	Bourke, Mrs. John (Catherine)	female
659	0	2	Eitemiller, Mr. George Floyd	male
660	0	1	Newell, Mr. Arthur Webster	male
661	1	1	Frauenthal, Dr. Henry William	male
662	0	3	Badt, Mr. Mohamed	male
663	0	1	Colley, Mr. Edward Pomeroy	male
664	0	3	Coleff, Mr. Peju	male
665	1	3	Lindqvist, Mr. Eino William	male
666	0	2	Hickman, Mr. Lewis	male
667	0	2	Butler, Mr. Reginald Fenton	male
668	0	3	Rommetvedt, Mr. Knud Paust	male
669	0	3	Cook, Mr. Jacob	male
670	1	1	Taylor, Mrs. Elmer Zebley (Juliet Cummins Wright)	female
671	1	2	Brown, Mrs. Thomas William Solomon (Elizabeth Catherine Ford)	female
672	0	1	Davidson, Mr. Thornton	male
673	0	2	Mitchell, Mr. Henry Michael	male
674	1	2	Wilhelms, Mr. Charles	male
675	0	2	Watson, Mr. Ennis Hastings	male
676	0	3	Edvardsson, Mr. Gustaf Hjalmar	male
677	0	3	Sawyer, Mr. Frederick Charles	male
678	1	3	Turja, Miss. Anna Sofia	female
679	0	3	Goodwin, Mrs. Frederick (Augusta Tyler)	female
680	1	1	Cardeza, Mr. Thomas Drake Martinez	male
681	0	3	Peters, Miss. Katie	female
682	1	1	Hassab, Mr. Hammad	male
683	0	3	Olsvigen, Mr. Thor Anderson	male
684	0	3	Goodwin, Mr. Charles Edward	male
685	0	2	Brown, Mr. Thomas William Solomon	male
686	0	2	Laroche, Mr. Joseph Philippe Lemercier	male
687	0	3	Panula, Mr. Jaako Arnold	male
688	0	3	Dakic, Mr. Branko	male
689	0	3	Fischer, Mr. Eberhard Thelander	male
690	1	1	Madill, Miss. Georgette Alexandra	female
691	1	1	Dick, Mr. Albert Adrian	male
692	1	3	Karun, Miss. Manca	female

PassengerId	Survived	Pclass	Name	Sex
693	1	3	Lam, Mr. Ali	male
694	0	3	Saad, Mr. Khalil	male
695	0	1	Weir, Col. John	male
696	0	2	Chapman, Mr. Charles Henry	male
697	0	3	Kelly, Mr. James	male
698	1	3	Mullens, Miss. Katherine "Katie"	female
699	0	1	Thayer, Mr. John Borland	male
700	0	3	Humblen, Mr. Adolf Mathias Nicolai Olsen	male
701	1	1	Astor, Mrs. John Jacob (Madeleine Talmadge Force)	female
702	1	1	Silverthorne, Mr. Spencer Victor	male
703	0	3	Barbara, Miss. Saiide	female
704	0	3	Gallagher, Mr. Martin	male
705	0	3	Hansen, Mr. Henrik Juul	male
706	0	2	Morley, Mr. Henry Samuel ("Mr Henry Marshall")	male
707	1	2	Kelly, Mrs. Florence "Fannie"	female
708	1	1	Calderhead, Mr. Edward Pennington	male
709	1	1	Cleaver, Miss. Alice	female
710	1	3	Moubarek, Master. Halim Gonios ("William George")	male
711	1	1	Mayne, Mlle. Berthe Antonine ("Mrs de Villiers")	female
712	0	1	Klaber, Mr. Herman	male
713	1	1	Taylor, Mr. Elmer Zebley	male
714	0	3	Larsson, Mr. August Viktor	male
715	0	2	Greenberg, Mr. Samuel	male
716	0	3	Soholt, Mr. Peter Andreas Lauritz Andersen	male
717	1	1	Endres, Miss. Caroline Louise	female
718	1	2	Troutt, Miss. Edwina Celia "Winnie"	female
719	0	3	McEvoy, Mr. Michael	male
720	0	3	Johnson, Mr. Malkolm Joackim	male
721	1	2	Harper, Miss. Annie Jessie "Nina"	female
722	0	3	Jensen, Mr. Svend Lauritz	male
723	0	2	Gillespie, Mr. William Henry	male
724	0	2	Hodges, Mr. Henry Price	male
725	1	1	Chambers, Mr. Norman Campbell	male
726	0	3	Oreskovic, Mr. Luka	male
727	1	2	Renouf, Mrs. Peter Henry (Lillian Jefferys)	female
728	1	3	Mannion, Miss. Margareth	female
729	0	2	Bryhl, Mr. Kurt Arnold Gottfrid	male
730	0	3	Ilmakangas, Miss. Pieta Sofia	female
731	1	1	Allen, Miss. Elisabeth Walton	female
732	0	3	Hassan, Mr. Houssein G N	male
733	0	2	Knight, Mr. Robert J	male
734	0	2	Berriman, Mr. William John	male
735	0	2	Troupiansky, Mr. Moses Aaron	male
736	0	3	Williams, Mr. Leslie	male
737	0	3	Ford, Mrs. Edward (Margaret Ann Watson)	female
738	1	1	Lesurer, Mr. Gustave J	male
739	0	3	Ivanoff, Mr. Kanio	male
740	0	3	Nankoff, Mr. Minko	male
741	1	1	Hawksford, Mr. Walter James	male
742	0	1	Cavendish, Mr. Tyrell William	male
743	1	1	Ryerson, Miss. Susan Parker "Suzette"	female
744	0	3	McNamee, Mr. Neal	male

PassengerId	Survived	Pclass	Name	Sex
745	1	3	Stranden, Mr. Juho	ma
746	0	1	Crosby, Capt. Edward Gifford	ma
747	0	3	Abbott, Mr. Rossmore Edward	ma
748	1	2	Sinkkonen, Miss. Anna	fe
749	0	1	Marvin, Mr. Daniel Warner	ma
750	0	3	Connaghton, Mr. Michael	ma
751	1	2	Wells, Miss. Joan	fe
752	1	3	Moor, Master. Meier	ma
753	0	3	Vande Velde, Mr. Johannes Joseph	ma
754	0	3	Jonkoff, Mr. Lalio	ma
755	1	2	Herman, Mrs. Samuel (Jane Laver)	fe
756	1	2	Hamalainen, Master. Viljo	ma
757	0	3	Carlsson, Mr. August Sigfrid	ma
758	0	2	Bailey, Mr. Percy Andrew	ma
759	0	3	Theobald, Mr. Thomas Leonard	ma
760	1	1	Roths, the Countess. of (Lucy Noel Martha Dyer-Edwards)	fe
761	0	3	Garfirth, Mr. John	ma
762	0	3	Nirva, Mr. Iisakki Antino Aijo	ma
763	1	3	Barah, Mr. Hanna Assi	ma
764	1	1	Carter, Mrs. William Ernest (Lucile Polk)	fe
765	0	3	Eklund, Mr. Hans Linus	ma
766	1	1	Hogeboom, Mrs. John C (Anna Andrews)	fe
767	0	1	Brewe, Dr. Arthur Jackson	ma
768	0	3	Mangan, Miss. Mary	fe
769	0	3	Moran, Mr. Daniel J	ma
770	0	3	Gronnestad, Mr. Daniel Danielsen	ma
771	0	3	Lievens, Mr. Rene Aime	ma
772	0	3	Jensen, Mr. Niels Peder	ma
773	0	2	Mack, Mrs. (Mary)	fe
774	0	3	Elias, Mr. Dibo	ma
775	1	2	Hocking, Mrs. Elizabeth (Eliza Needs)	fe
776	0	3	Myhrman, Mr. Pehr Fabian Oliver Malkolm	ma
777	0	3	Tobin, Mr. Roger	ma
778	1	3	Emanuel, Miss. Virginia Ethel	fe
779	0	3	Kilgannon, Mr. Thomas J	ma
780	1	1	Robert, Mrs. Edward Scott (Elisabeth Walton McMillan)	fe
781	1	3	Ayoub, Miss. Banoura	fe
782	1	1	Dick, Mrs. Albert Adrian (Vera Gillespie)	fe
783	0	1	Long, Mr. Milton Clyde	ma
784	0	3	Johnston, Mr. Andrew G	ma
785	0	3	Ali, Mr. William	ma
786	0	3	Harmer, Mr. Abraham (David Lishin)	ma
787	1	3	Sjoblom, Miss. Anna Sofia	fe
788	0	3	Rice, Master. George Hugh	ma
789	1	3	Dean, Master. Bertram Vere	ma
790	0	1	Guggenheim, Mr. Benjamin	ma
791	0	3	Keane, Mr. Andrew "Andy"	ma
792	0	2	Gaskell, Mr. Alfred	ma
793	0	3	Sage, Miss. Stella Anna	fe
794	0	1	Hoyt, Mr. William Fisher	ma
795	0	3	Dantcheff, Mr. Ristiu	ma
796	0	2	Otter, Mr. Richard	ma

PassengerId	Survived	Pclass	Name	Sex
797	1	1	Leader, Dr. Alice (Farnham)	female
798	1	3	Osman, Mrs. Mara	female
799	0	3	Ibrahim Shawah, Mr. Yousseff	male
800	0	3	Van Impe, Mrs. Jean Baptiste (Rosalie Paula Govaert)	female
801	0	2	Ponesell, Mr. Martin	male
802	1	2	Collyer, Mrs. Harvey (Charlotte Annie Tate)	female
803	1	1	Carter, Master. William Thornton II	male
804	1	3	Thomas, Master. Assad Alexander	male
805	1	3	Hedman, Mr. Oskar Arvid	male
806	0	3	Johansson, Mr. Karl Johan	male
807	0	1	Andrews, Mr. Thomas Jr	male
808	0	3	Pettersson, Miss. Ellen Natalia	female
809	0	2	Meyer, Mr. August	male
810	1	1	Chambers, Mrs. Norman Campbell (Bertha Griggs)	female
811	0	3	Alexander, Mr. William	male
812	0	3	Lester, Mr. James	male
813	0	2	Slemen, Mr. Richard James	male
814	0	3	Andersson, Miss. Ebba Iris Alfrida	female
815	0	3	Tomlin, Mr. Ernest Portage	male
816	0	1	Fry, Mr. Richard	male
817	0	3	Heininen, Miss. Wendla Maria	female
818	0	2	Mallet, Mr. Albert	male
819	0	3	Holm, Mr. John Fredrik Alexander	male
820	0	3	Skoog, Master. Karl Thorsten	male
821	1	1	Hays, Mrs. Charles Melville (Clara Jennings Gregg)	female
822	1	3	Lulic, Mr. Nikola	male
823	0	1	Reuchlin, Jonkheer. John George	male
824	1	3	Moor, Mrs. (Beila)	female
825	0	3	Panula, Master. Urho Abraham	male
826	0	3	Flynn, Mr. John	male
827	0	3	Lam, Mr. Len	male
828	1	2	Mallet, Master. Andre	male
829	1	3	McCormack, Mr. Thomas Joseph	male
830	1	1	Stone, Mrs. George Nelson (Martha Evelyn)	female
831	1	3	Yasbeck, Mrs. Antoni (Selini Alexander)	female
832	1	2	Richards, Master. George Sibley	male
833	0	3	Saad, Mr. Amin	male
834	0	3	Augustsson, Mr. Albert	male
835	0	3	Allum, Mr. Owen George	male
836	1	1	Compton, Miss. Sara Rebecca	female
837	0	3	Pasic, Mr. Jakob	male
838	0	3	Sirota, Mr. Maurice	male
839	1	3	Chip, Mr. Chang	male
840	1	1	Marechal, Mr. Pierre	male
841	0	3	Alhomaki, Mr. Ilmari Rudolf	male
842	0	2	Mudd, Mr. Thomas Charles	male
843	1	1	Serepeca, Miss. Augusta	female
844	0	3	Lemberopolous, Mr. Peter L	male
845	0	3	Culumovic, Mr. Jeso	male
846	0	3	Abbing, Mr. Anthony	male
847	0	3	Sage, Mr. Douglas Bullen	male
848	0	3	Markoff, Mr. Marin	male

PassengerId	Survived	Pclass	Name	Sex
849	0	2	Harper, Rev. John	ma
850	1	1	Goldenberg, Mrs. Samuel L (Edwiga Grabowska)	fe
851	0	3	Andersson, Master. Sigvard Harald Elias	ma
852	0	3	Svensson, Mr. Johan	ma
853	0	3	Boulos, Miss. Nourelain	fe
854	1	1	Lines, Miss. Mary Conover	fe
855	0	2	Carter, Mrs. Ernest Courtenay (Lilian Hughes)	fe
856	1	3	Aks, Mrs. Sam (Leah Rosen)	fe
857	1	1	Wick, Mrs. George Dennick (Mary Hitchcock)	fe
858	1	1	Daly, Mr. Peter Denis	ma
859	1	3	Baclini, Mrs. Solomon (Latifa Qurban)	fe
860	0	3	Razi, Mr. Raihed	ma
861	0	3	Hansen, Mr. Claus Peter	ma
862	0	2	Giles, Mr. Frederick Edward	ma
863	1	1	Swift, Mrs. Frederick Joel (Margaret Welles Barron)	fe
864	0	3	Sage, Miss. Dorothy Edith "Dolly"	fe
865	0	2	Gill, Mr. John William	ma
866	1	2	Bystrom, Mrs. (Karolina)	fe
867	1	2	Duran y More, Miss. Asuncion	fe
868	0	1	Roebeling, Mr. Washington Augustus II	ma
869	0	3	van Melkebeke, Mr. Philemon	ma
870	1	3	Johnson, Master. Harold Theodor	ma
871	0	3	Balkic, Mr. Cerin	ma
872	1	1	Beckwith, Mrs. Richard Leonard (Sallie Monypeny)	fe
873	0	1	Carlsson, Mr. Frans Olof	ma
874	0	3	Vander Cruyssen, Mr. Victor	ma
875	1	2	Abelson, Mrs. Samuel (Hannah Wozosky)	fe
876	1	3	Najib, Miss. Adele Kiamie "Jane"	fe
877	0	3	Gustafsson, Mr. Alfred Ossian	ma
878	0	3	Petroff, Mr. Nedelio	ma
879	0	3	Laleff, Mr. Kristo	ma
880	1	1	Potter, Mrs. Thomas Jr (Lily Alexenia Wilson)	fe
881	1	2	Shelley, Mrs. William (Imanita Parrish Hall)	fe
882	0	3	Markun, Mr. Johann	ma
883	0	3	Dahlberg, Miss. Gerda Ulrika	fe
884	0	2	Banfield, Mr. Frederick James	ma
885	0	3	Sutehall, Mr. Henry Jr	ma
886	0	3	Rice, Mrs. William (Margaret Norton)	fe
887	0	2	Montvila, Rev. Juozas	ma
888	1	1	Graham, Miss. Margaret Edith	fe
889	0	3	Johnston, Miss. Catherine Helen "Carrie"	fe
890	1	1	Behr, Mr. Karl Howell	ma
891	0	3	Dooley, Mr. Patrick	ma

d[1:10,]

```
## PassengerId Survived Pclass
## 1          1         0      3
## 2          2         1      1
## 3          3         1      3
## 4          4         1      1
```

```
## 5      5      0      3
## 6      6      0      3
## 7      7      0      1
## 8      8      0      3
## 9      9      1      3
## 10     10     1      2
##
##                               Name      Sex Age SibSp
## 1                               Braund, Mr. Owen Harris   male  22      1
## 2  Cumings, Mrs. John Bradley (Florence Briggs Thayer) female  38      1
## 3                               Heikkinen, Miss. Laina female  26      0
## 4      Futrelle, Mrs. Jacques Heath (Lily May Peel) female  35      1
## 5                               Allen, Mr. William Henry   male  35      0
## 6                               Moran, Mr. James          male  NA      0
## 7                               McCarthy, Mr. Timothy J   male  54      0
## 8                               Palsson, Master. Gosta Leonard male    2      3
## 9      Johnson, Mrs. Oscar W (Elisabeth Vilhelmina Berg) female  27      0
## 10                              Nasser, Mrs. Nicholas (Adele Achem) female  14      1
##   Parch      Ticket    Fare Cabin Embarked
## 1      0      A/5 21171  7.2500      S
## 2      0      PC 17599 71.2833    C85      C
## 3      0 STON/O2. 3101282  7.9250      S
## 4      0      113803 53.1000   C123      S
## 5      0      373450  8.0500      S
## 6      0      330877  8.4583      Q
## 7      0      17463 51.8625   E46      S
## 8      1      349909 21.0750      S
## 9      2      347742 11.1333      S
## 10     0      237736 30.0708      C
```

9 Use `is.na` function and `sum` function to count the total number of missing values in the data.

```
a=is.na(d)
sum(a)
```

```
## [1] 177
```

```
colSums(a)
```

```
## PassengerId    Survived    Pclass      Name      Sex      Age
##           0           0           0           0           0      177
##      SibSp      Parch      Ticket    Fare      Cabin  Embarked
##           0           0           0           0           0           0
```

10 Calculate the average Age of the passengers. You may want to use the parameter `na.rm = TRUE` in the function `mean`

```
x <- c(d[,6])
mean(x,na.rm =TRUE)
```

```
## [1] 29.69912
```


11 Replace the missing values of age by the average age calculated previously

```
d[is.na(d)] <- 29.7
```

12 Remove columns Name, PassengerID, Ticket, and Cabin.

```
d$PassengerId = NULL
d$Name = NULL
d$Ticket = NULL
d$Cabin = NULL
```

13 . Calculate the mean age of female passengers

```
mean(d[d$Sex=='female'],$Age)
```

```
## [1] 28.21688
```

14 Calculate the median fare of the passengers in Class 1

```
median(d[d$Pclass == "1",$Fare)
```

```
## [1] 60.2875
```

15 Calculate the median fare of the female passengers that are not in Class 1

```
median(d[d[d$Pclass != "1"],$Sex == "female",$Fare])
```

```
## [1] 15.2458
```

16. Calculate the median age of survived passengers who are female and Class 1 or Class 2,

```
median(d[d[d$Pclass!="3"],$Sex == "female",$Survived == "1",$Age, na.rm = TRUE])
```

```
## [1] 29.7
```

17. Calculate the mean fare of female teenagers survived passengers

```
mean(d[(d$Survived == "1") & (d$Age >=13) & (d$Age <=19) & (d$Sex == "female"),$Fare])
```

```
## [1] 49.17966
```

18. Calculate the mean fare of female teenagers survived passengers for each class

```
one = mean(d[d[(d$Survived == "1") & (d$Age >=13) & (d$Age <=19) & (d$Sex == "female"),$Pclass == "1"],$Fare)
one
```

```
## [1] 33.06351
```

```
two = mean(d[d[(d$Survived == "1") & (d$Age >=13)& (d$Age <=19) & (d$Sex == "female"),]$Pclass == "2",])
two
```

```
## [1] 32.28663
```

```
three = mean(d[d[(d$Survived == "1") & (d$Age >=13)& (d$Age <=19) & (d$Sex == "female"),]$Pclass == "3",])
three
```

```
## [1] 31.30184
```

19. Calculate the ratio of Survived and not Survived for passengers who are who pays more than the average fare

```
avgFare=mean(d$Fare)
survived=sum(d[d$Survived == "1",]$Fare > avgFare)
notsurvived = sum(d[d$Survived == "0",]$Fare > avgFare)

survived/notsurvived
```

```
## [1] 1.482353
```

20. Add column that standardizes the fare (subtract the mean and divide by standard deviation) and name it sfare

```
FARE_mean=mean(d$Fare)
sd_mean=sd(d$Fare)
Standard_Fare=(d$Fare-FARE_mean)/sd_mean
cbind(d,Standard_Fare)
```

##	Survived	Pclass	Sex	Age	SibSp	Parch	Fare	Embarked
## 1	0	3	male	22.00	1	0	7.2500	S
## 2	1	1	female	38.00	1	0	71.2833	C
## 3	1	3	female	26.00	0	0	7.9250	S
## 4	1	1	female	35.00	1	0	53.1000	S
## 5	0	3	male	35.00	0	0	8.0500	S
## 6	0	3	male	29.70	0	0	8.4583	Q
## 7	0	1	male	54.00	0	0	51.8625	S
## 8	0	3	male	2.00	3	1	21.0750	S
## 9	1	3	female	27.00	0	2	11.1333	S
## 10	1	2	female	14.00	1	0	30.0708	C
## 11	1	3	female	4.00	1	1	16.7000	S
## 12	1	1	female	58.00	0	0	26.5500	S
## 13	0	3	male	20.00	0	0	8.0500	S
## 14	0	3	male	39.00	1	5	31.2750	S
## 15	0	3	female	14.00	0	0	7.8542	S
## 16	1	2	female	55.00	0	0	16.0000	S
## 17	0	3	male	2.00	4	1	29.1250	Q
## 18	1	2	male	29.70	0	0	13.0000	S
## 19	0	3	female	31.00	1	0	18.0000	S
## 20	1	3	female	29.70	0	0	7.2250	C

## 21	0	2	male	35.00	0	0	26.0000	S
## 22	1	2	male	34.00	0	0	13.0000	S
## 23	1	3	female	15.00	0	0	8.0292	Q
## 24	1	1	male	28.00	0	0	35.5000	S
## 25	0	3	female	8.00	3	1	21.0750	S
## 26	1	3	female	38.00	1	5	31.3875	S
## 27	0	3	male	29.70	0	0	7.2250	C
## 28	0	1	male	19.00	3	2	263.0000	S
## 29	1	3	female	29.70	0	0	7.8792	Q
## 30	0	3	male	29.70	0	0	7.8958	S
## 31	0	1	male	40.00	0	0	27.7208	C
## 32	1	1	female	29.70	1	0	146.5208	C
## 33	1	3	female	29.70	0	0	7.7500	Q
## 34	0	2	male	66.00	0	0	10.5000	S
## 35	0	1	male	28.00	1	0	82.1708	C
## 36	0	1	male	42.00	1	0	52.0000	S
## 37	1	3	male	29.70	0	0	7.2292	C
## 38	0	3	male	21.00	0	0	8.0500	S
## 39	0	3	female	18.00	2	0	18.0000	S
## 40	1	3	female	14.00	1	0	11.2417	C
## 41	0	3	female	40.00	1	0	9.4750	S
## 42	0	2	female	27.00	1	0	21.0000	S
## 43	0	3	male	29.70	0	0	7.8958	C
## 44	1	2	female	3.00	1	2	41.5792	C
## 45	1	3	female	19.00	0	0	7.8792	Q
## 46	0	3	male	29.70	0	0	8.0500	S
## 47	0	3	male	29.70	1	0	15.5000	Q
## 48	1	3	female	29.70	0	0	7.7500	Q
## 49	0	3	male	29.70	2	0	21.6792	C
## 50	0	3	female	18.00	1	0	17.8000	S
## 51	0	3	male	7.00	4	1	39.6875	S
## 52	0	3	male	21.00	0	0	7.8000	S
## 53	1	1	female	49.00	1	0	76.7292	C
## 54	1	2	female	29.00	1	0	26.0000	S
## 55	0	1	male	65.00	0	1	61.9792	C
## 56	1	1	male	29.70	0	0	35.5000	S
## 57	1	2	female	21.00	0	0	10.5000	S
## 58	0	3	male	28.50	0	0	7.2292	C
## 59	1	2	female	5.00	1	2	27.7500	S
## 60	0	3	male	11.00	5	2	46.9000	S
## 61	0	3	male	22.00	0	0	7.2292	C
## 62	1	1	female	38.00	0	0	80.0000	
## 63	0	1	male	45.00	1	0	83.4750	S
## 64	0	3	male	4.00	3	2	27.9000	S
## 65	0	1	male	29.70	0	0	27.7208	C
## 66	1	3	male	29.70	1	1	15.2458	C
## 67	1	2	female	29.00	0	0	10.5000	S
## 68	0	3	male	19.00	0	0	8.1583	S
## 69	1	3	female	17.00	4	2	7.9250	S
## 70	0	3	male	26.00	2	0	8.6625	S
## 71	0	2	male	32.00	0	0	10.5000	S
## 72	0	3	female	16.00	5	2	46.9000	S
## 73	0	2	male	21.00	0	0	73.5000	S
## 74	0	3	male	26.00	1	0	14.4542	C

## 75	1	3	male	32.00	0	0	56.4958	S
## 76	0	3	male	25.00	0	0	7.6500	S
## 77	0	3	male	29.70	0	0	7.8958	S
## 78	0	3	male	29.70	0	0	8.0500	S
## 79	1	2	male	0.83	0	2	29.0000	S
## 80	1	3	female	30.00	0	0	12.4750	S
## 81	0	3	male	22.00	0	0	9.0000	S
## 82	1	3	male	29.00	0	0	9.5000	S
## 83	1	3	female	29.70	0	0	7.7875	Q
## 84	0	1	male	28.00	0	0	47.1000	S
## 85	1	2	female	17.00	0	0	10.5000	S
## 86	1	3	female	33.00	3	0	15.8500	S
## 87	0	3	male	16.00	1	3	34.3750	S
## 88	0	3	male	29.70	0	0	8.0500	S
## 89	1	1	female	23.00	3	2	263.0000	S
## 90	0	3	male	24.00	0	0	8.0500	S
## 91	0	3	male	29.00	0	0	8.0500	S
## 92	0	3	male	20.00	0	0	7.8542	S
## 93	0	1	male	46.00	1	0	61.1750	S
## 94	0	3	male	26.00	1	2	20.5750	S
## 95	0	3	male	59.00	0	0	7.2500	S
## 96	0	3	male	29.70	0	0	8.0500	S
## 97	0	1	male	71.00	0	0	34.6542	C
## 98	1	1	male	23.00	0	1	63.3583	C
## 99	1	2	female	34.00	0	1	23.0000	S
## 100	0	2	male	34.00	1	0	26.0000	S
## 101	0	3	female	28.00	0	0	7.8958	S
## 102	0	3	male	29.70	0	0	7.8958	S
## 103	0	1	male	21.00	0	1	77.2875	S
## 104	0	3	male	33.00	0	0	8.6542	S
## 105	0	3	male	37.00	2	0	7.9250	S
## 106	0	3	male	28.00	0	0	7.8958	S
## 107	1	3	female	21.00	0	0	7.6500	S
## 108	1	3	male	29.70	0	0	7.7750	S
## 109	0	3	male	38.00	0	0	7.8958	S
## 110	1	3	female	29.70	1	0	24.1500	Q
## 111	0	1	male	47.00	0	0	52.0000	S
## 112	0	3	female	14.50	1	0	14.4542	C
## 113	0	3	male	22.00	0	0	8.0500	S
## 114	0	3	female	20.00	1	0	9.8250	S
## 115	0	3	female	17.00	0	0	14.4583	C
## 116	0	3	male	21.00	0	0	7.9250	S
## 117	0	3	male	70.50	0	0	7.7500	Q
## 118	0	2	male	29.00	1	0	21.0000	S
## 119	0	1	male	24.00	0	1	247.5208	C
## 120	0	3	female	2.00	4	2	31.2750	S
## 121	0	2	male	21.00	2	0	73.5000	S
## 122	0	3	male	29.70	0	0	8.0500	S
## 123	0	2	male	32.50	1	0	30.0708	C
## 124	1	2	female	32.50	0	0	13.0000	S
## 125	0	1	male	54.00	0	1	77.2875	S
## 126	1	3	male	12.00	1	0	11.2417	C
## 127	0	3	male	29.70	0	0	7.7500	Q
## 128	1	3	male	24.00	0	0	7.1417	S

## 129	1	3 female	29.70	1	1	22.3583	C
## 130	0	3 male	45.00	0	0	6.9750	S
## 131	0	3 male	33.00	0	0	7.8958	C
## 132	0	3 male	20.00	0	0	7.0500	S
## 133	0	3 female	47.00	1	0	14.5000	S
## 134	1	2 female	29.00	1	0	26.0000	S
## 135	0	2 male	25.00	0	0	13.0000	S
## 136	0	2 male	23.00	0	0	15.0458	C
## 137	1	1 female	19.00	0	2	26.2833	S
## 138	0	1 male	37.00	1	0	53.1000	S
## 139	0	3 male	16.00	0	0	9.2167	S
## 140	0	1 male	24.00	0	0	79.2000	C
## 141	0	3 female	29.70	0	2	15.2458	C
## 142	1	3 female	22.00	0	0	7.7500	S
## 143	1	3 female	24.00	1	0	15.8500	S
## 144	0	3 male	19.00	0	0	6.7500	Q
## 145	0	2 male	18.00	0	0	11.5000	S
## 146	0	2 male	19.00	1	1	36.7500	S
## 147	1	3 male	27.00	0	0	7.7958	S
## 148	0	3 female	9.00	2	2	34.3750	S
## 149	0	2 male	36.50	0	2	26.0000	S
## 150	0	2 male	42.00	0	0	13.0000	S
## 151	0	2 male	51.00	0	0	12.5250	S
## 152	1	1 female	22.00	1	0	66.6000	S
## 153	0	3 male	55.50	0	0	8.0500	S
## 154	0	3 male	40.50	0	2	14.5000	S
## 155	0	3 male	29.70	0	0	7.3125	S
## 156	0	1 male	51.00	0	1	61.3792	C
## 157	1	3 female	16.00	0	0	7.7333	Q
## 158	0	3 male	30.00	0	0	8.0500	S
## 159	0	3 male	29.70	0	0	8.6625	S
## 160	0	3 male	29.70	8	2	69.5500	S
## 161	0	3 male	44.00	0	1	16.1000	S
## 162	1	2 female	40.00	0	0	15.7500	S
## 163	0	3 male	26.00	0	0	7.7750	S
## 164	0	3 male	17.00	0	0	8.6625	S
## 165	0	3 male	1.00	4	1	39.6875	S
## 166	1	3 male	9.00	0	2	20.5250	S
## 167	1	1 female	29.70	0	1	55.0000	S
## 168	0	3 female	45.00	1	4	27.9000	S
## 169	0	1 male	29.70	0	0	25.9250	S
## 170	0	3 male	28.00	0	0	56.4958	S
## 171	0	1 male	61.00	0	0	33.5000	S
## 172	0	3 male	4.00	4	1	29.1250	Q
## 173	1	3 female	1.00	1	1	11.1333	S
## 174	0	3 male	21.00	0	0	7.9250	S
## 175	0	1 male	56.00	0	0	30.6958	C
## 176	0	3 male	18.00	1	1	7.8542	S
## 177	0	3 male	29.70	3	1	25.4667	S
## 178	0	1 female	50.00	0	0	28.7125	C
## 179	0	2 male	30.00	0	0	13.0000	S
## 180	0	3 male	36.00	0	0	0.0000	S
## 181	0	3 female	29.70	8	2	69.5500	S
## 182	0	2 male	29.70	0	0	15.0500	C

## 183	0	3	male	9.00	4	2	31.3875	S
## 184	1	2	male	1.00	2	1	39.0000	S
## 185	1	3	female	4.00	0	2	22.0250	S
## 186	0	1	male	29.70	0	0	50.0000	S
## 187	1	3	female	29.70	1	0	15.5000	Q
## 188	1	1	male	45.00	0	0	26.5500	S
## 189	0	3	male	40.00	1	1	15.5000	Q
## 190	0	3	male	36.00	0	0	7.8958	S
## 191	1	2	female	32.00	0	0	13.0000	S
## 192	0	2	male	19.00	0	0	13.0000	S
## 193	1	3	female	19.00	1	0	7.8542	S
## 194	1	2	male	3.00	1	1	26.0000	S
## 195	1	1	female	44.00	0	0	27.7208	C
## 196	1	1	female	58.00	0	0	146.5208	C
## 197	0	3	male	29.70	0	0	7.7500	Q
## 198	0	3	male	42.00	0	1	8.4042	S
## 199	1	3	female	29.70	0	0	7.7500	Q
## 200	0	2	female	24.00	0	0	13.0000	S
## 201	0	3	male	28.00	0	0	9.5000	S
## 202	0	3	male	29.70	8	2	69.5500	S
## 203	0	3	male	34.00	0	0	6.4958	S
## 204	0	3	male	45.50	0	0	7.2250	C
## 205	1	3	male	18.00	0	0	8.0500	S
## 206	0	3	female	2.00	0	1	10.4625	S
## 207	0	3	male	32.00	1	0	15.8500	S
## 208	1	3	male	26.00	0	0	18.7875	C
## 209	1	3	female	16.00	0	0	7.7500	Q
## 210	1	1	male	40.00	0	0	31.0000	C
## 211	0	3	male	24.00	0	0	7.0500	S
## 212	1	2	female	35.00	0	0	21.0000	S
## 213	0	3	male	22.00	0	0	7.2500	S
## 214	0	2	male	30.00	0	0	13.0000	S
## 215	0	3	male	29.70	1	0	7.7500	Q
## 216	1	1	female	31.00	1	0	113.2750	C
## 217	1	3	female	27.00	0	0	7.9250	S
## 218	0	2	male	42.00	1	0	27.0000	S
## 219	1	1	female	32.00	0	0	76.2917	C
## 220	0	2	male	30.00	0	0	10.5000	S
## 221	1	3	male	16.00	0	0	8.0500	S
## 222	0	2	male	27.00	0	0	13.0000	S
## 223	0	3	male	51.00	0	0	8.0500	S
## 224	0	3	male	29.70	0	0	7.8958	S
## 225	1	1	male	38.00	1	0	90.0000	S
## 226	0	3	male	22.00	0	0	9.3500	S
## 227	1	2	male	19.00	0	0	10.5000	S
## 228	0	3	male	20.50	0	0	7.2500	S
## 229	0	2	male	18.00	0	0	13.0000	S
## 230	0	3	female	29.70	3	1	25.4667	S
## 231	1	1	female	35.00	1	0	83.4750	S
## 232	0	3	male	29.00	0	0	7.7750	S
## 233	0	2	male	59.00	0	0	13.5000	S
## 234	1	3	female	5.00	4	2	31.3875	S
## 235	0	2	male	24.00	0	0	10.5000	S
## 236	0	3	female	29.70	0	0	7.5500	S

## 237	0	2	male	44.00	1	0	26.0000	S
## 238	1	2	female	8.00	0	2	26.2500	S
## 239	0	2	male	19.00	0	0	10.5000	S
## 240	0	2	male	33.00	0	0	12.2750	S
## 241	0	3	female	29.70	1	0	14.4542	C
## 242	1	3	female	29.70	1	0	15.5000	Q
## 243	0	2	male	29.00	0	0	10.5000	S
## 244	0	3	male	22.00	0	0	7.1250	S
## 245	0	3	male	30.00	0	0	7.2250	C
## 246	0	1	male	44.00	2	0	90.0000	Q
## 247	0	3	female	25.00	0	0	7.7750	S
## 248	1	2	female	24.00	0	2	14.5000	S
## 249	1	1	male	37.00	1	1	52.5542	S
## 250	0	2	male	54.00	1	0	26.0000	S
## 251	0	3	male	29.70	0	0	7.2500	S
## 252	0	3	female	29.00	1	1	10.4625	S
## 253	0	1	male	62.00	0	0	26.5500	S
## 254	0	3	male	30.00	1	0	16.1000	S
## 255	0	3	female	41.00	0	2	20.2125	S
## 256	1	3	female	29.00	0	2	15.2458	C
## 257	1	1	female	29.70	0	0	79.2000	C
## 258	1	1	female	30.00	0	0	86.5000	S
## 259	1	1	female	35.00	0	0	512.3292	C
## 260	1	2	female	50.00	0	1	26.0000	S
## 261	0	3	male	29.70	0	0	7.7500	Q
## 262	1	3	male	3.00	4	2	31.3875	S
## 263	0	1	male	52.00	1	1	79.6500	S
## 264	0	1	male	40.00	0	0	0.0000	S
## 265	0	3	female	29.70	0	0	7.7500	Q
## 266	0	2	male	36.00	0	0	10.5000	S
## 267	0	3	male	16.00	4	1	39.6875	S
## 268	1	3	male	25.00	1	0	7.7750	S
## 269	1	1	female	58.00	0	1	153.4625	S
## 270	1	1	female	35.00	0	0	135.6333	S
## 271	0	1	male	29.70	0	0	31.0000	S
## 272	1	3	male	25.00	0	0	0.0000	S
## 273	1	2	female	41.00	0	1	19.5000	S
## 274	0	1	male	37.00	0	1	29.7000	C
## 275	1	3	female	29.70	0	0	7.7500	Q
## 276	1	1	female	63.00	1	0	77.9583	S
## 277	0	3	female	45.00	0	0	7.7500	S
## 278	0	2	male	29.70	0	0	0.0000	S
## 279	0	3	male	7.00	4	1	29.1250	Q
## 280	1	3	female	35.00	1	1	20.2500	S
## 281	0	3	male	65.00	0	0	7.7500	Q
## 282	0	3	male	28.00	0	0	7.8542	S
## 283	0	3	male	16.00	0	0	9.5000	S
## 284	1	3	male	19.00	0	0	8.0500	S
## 285	0	1	male	29.70	0	0	26.0000	S
## 286	0	3	male	33.00	0	0	8.6625	C
## 287	1	3	male	30.00	0	0	9.5000	S
## 288	0	3	male	22.00	0	0	7.8958	S
## 289	1	2	male	42.00	0	0	13.0000	S
## 290	1	3	female	22.00	0	0	7.7500	Q

## 291	1	1 female	26.00	0	0	78.8500	S
## 292	1	1 female	19.00	1	0	91.0792	C
## 293	0	2 male	36.00	0	0	12.8750	C
## 294	0	3 female	24.00	0	0	8.8500	S
## 295	0	3 male	24.00	0	0	7.8958	S
## 296	0	1 male	29.70	0	0	27.7208	C
## 297	0	3 male	23.50	0	0	7.2292	C
## 298	0	1 female	2.00	1	2	151.5500	S
## 299	1	1 male	29.70	0	0	30.5000	S
## 300	1	1 female	50.00	0	1	247.5208	C
## 301	1	3 female	29.70	0	0	7.7500	Q
## 302	1	3 male	29.70	2	0	23.2500	Q
## 303	0	3 male	19.00	0	0	0.0000	S
## 304	1	2 female	29.70	0	0	12.3500	Q
## 305	0	3 male	29.70	0	0	8.0500	S
## 306	1	1 male	0.92	1	2	151.5500	S
## 307	1	1 female	29.70	0	0	110.8833	C
## 308	1	1 female	17.00	1	0	108.9000	C
## 309	0	2 male	30.00	1	0	24.0000	C
## 310	1	1 female	30.00	0	0	56.9292	C
## 311	1	1 female	24.00	0	0	83.1583	C
## 312	1	1 female	18.00	2	2	262.3750	C
## 313	0	2 female	26.00	1	1	26.0000	S
## 314	0	3 male	28.00	0	0	7.8958	S
## 315	0	2 male	43.00	1	1	26.2500	S
## 316	1	3 female	26.00	0	0	7.8542	S
## 317	1	2 female	24.00	1	0	26.0000	S
## 318	0	2 male	54.00	0	0	14.0000	S
## 319	1	1 female	31.00	0	2	164.8667	S
## 320	1	1 female	40.00	1	1	134.5000	C
## 321	0	3 male	22.00	0	0	7.2500	S
## 322	0	3 male	27.00	0	0	7.8958	S
## 323	1	2 female	30.00	0	0	12.3500	Q
## 324	1	2 female	22.00	1	1	29.0000	S
## 325	0	3 male	29.70	8	2	69.5500	S
## 326	1	1 female	36.00	0	0	135.6333	C
## 327	0	3 male	61.00	0	0	6.2375	S
## 328	1	2 female	36.00	0	0	13.0000	S
## 329	1	3 female	31.00	1	1	20.5250	S
## 330	1	1 female	16.00	0	1	57.9792	C
## 331	1	3 female	29.70	2	0	23.2500	Q
## 332	0	1 male	45.50	0	0	28.5000	S
## 333	0	1 male	38.00	0	1	153.4625	S
## 334	0	3 male	16.00	2	0	18.0000	S
## 335	1	1 female	29.70	1	0	133.6500	S
## 336	0	3 male	29.70	0	0	7.8958	S
## 337	0	1 male	29.00	1	0	66.6000	S
## 338	1	1 female	41.00	0	0	134.5000	C
## 339	1	3 male	45.00	0	0	8.0500	S
## 340	0	1 male	45.00	0	0	35.5000	S
## 341	1	2 male	2.00	1	1	26.0000	S
## 342	1	1 female	24.00	3	2	263.0000	S
## 343	0	2 male	28.00	0	0	13.0000	S
## 344	0	2 male	25.00	0	0	13.0000	S

## 345	0	2	male	36.00	0	0	13.0000	S
## 346	1	2	female	24.00	0	0	13.0000	S
## 347	1	2	female	40.00	0	0	13.0000	S
## 348	1	3	female	29.70	1	0	16.1000	S
## 349	1	3	male	3.00	1	1	15.9000	S
## 350	0	3	male	42.00	0	0	8.6625	S
## 351	0	3	male	23.00	0	0	9.2250	S
## 352	0	1	male	29.70	0	0	35.0000	S
## 353	0	3	male	15.00	1	1	7.2292	C
## 354	0	3	male	25.00	1	0	17.8000	S
## 355	0	3	male	29.70	0	0	7.2250	C
## 356	0	3	male	28.00	0	0	9.5000	S
## 357	1	1	female	22.00	0	1	55.0000	S
## 358	0	2	female	38.00	0	0	13.0000	S
## 359	1	3	female	29.70	0	0	7.8792	Q
## 360	1	3	female	29.70	0	0	7.8792	Q
## 361	0	3	male	40.00	1	4	27.9000	S
## 362	0	2	male	29.00	1	0	27.7208	C
## 363	0	3	female	45.00	0	1	14.4542	C
## 364	0	3	male	35.00	0	0	7.0500	S
## 365	0	3	male	29.70	1	0	15.5000	Q
## 366	0	3	male	30.00	0	0	7.2500	S
## 367	1	1	female	60.00	1	0	75.2500	C
## 368	1	3	female	29.70	0	0	7.2292	C
## 369	1	3	female	29.70	0	0	7.7500	Q
## 370	1	1	female	24.00	0	0	69.3000	C
## 371	1	1	male	25.00	1	0	55.4417	C
## 372	0	3	male	18.00	1	0	6.4958	S
## 373	0	3	male	19.00	0	0	8.0500	S
## 374	0	1	male	22.00	0	0	135.6333	C
## 375	0	3	female	3.00	3	1	21.0750	S
## 376	1	1	female	29.70	1	0	82.1708	C
## 377	1	3	female	22.00	0	0	7.2500	S
## 378	0	1	male	27.00	0	2	211.5000	C
## 379	0	3	male	20.00	0	0	4.0125	C
## 380	0	3	male	19.00	0	0	7.7750	S
## 381	1	1	female	42.00	0	0	227.5250	C
## 382	1	3	female	1.00	0	2	15.7417	C
## 383	0	3	male	32.00	0	0	7.9250	S
## 384	1	1	female	35.00	1	0	52.0000	S
## 385	0	3	male	29.70	0	0	7.8958	S
## 386	0	2	male	18.00	0	0	73.5000	S
## 387	0	3	male	1.00	5	2	46.9000	S
## 388	1	2	female	36.00	0	0	13.0000	S
## 389	0	3	male	29.70	0	0	7.7292	Q
## 390	1	2	female	17.00	0	0	12.0000	C
## 391	1	1	male	36.00	1	2	120.0000	S
## 392	1	3	male	21.00	0	0	7.7958	S
## 393	0	3	male	28.00	2	0	7.9250	S
## 394	1	1	female	23.00	1	0	113.2750	C
## 395	1	3	female	24.00	0	2	16.7000	S
## 396	0	3	male	22.00	0	0	7.7958	S
## 397	0	3	female	31.00	0	0	7.8542	S
## 398	0	2	male	46.00	0	0	26.0000	S

## 399	0	2	male	23.00	0	0	10.5000	S
## 400	1	2	female	28.00	0	0	12.6500	S
## 401	1	3	male	39.00	0	0	7.9250	S
## 402	0	3	male	26.00	0	0	8.0500	S
## 403	0	3	female	21.00	1	0	9.8250	S
## 404	0	3	male	28.00	1	0	15.8500	S
## 405	0	3	female	20.00	0	0	8.6625	S
## 406	0	2	male	34.00	1	0	21.0000	S
## 407	0	3	male	51.00	0	0	7.7500	S
## 408	1	2	male	3.00	1	1	18.7500	S
## 409	0	3	male	21.00	0	0	7.7750	S
## 410	0	3	female	29.70	3	1	25.4667	S
## 411	0	3	male	29.70	0	0	7.8958	S
## 412	0	3	male	29.70	0	0	6.8583	Q
## 413	1	1	female	33.00	1	0	90.0000	Q
## 414	0	2	male	29.70	0	0	0.0000	S
## 415	1	3	male	44.00	0	0	7.9250	S
## 416	0	3	female	29.70	0	0	8.0500	S
## 417	1	2	female	34.00	1	1	32.5000	S
## 418	1	2	female	18.00	0	2	13.0000	S
## 419	0	2	male	30.00	0	0	13.0000	S
## 420	0	3	female	10.00	0	2	24.1500	S
## 421	0	3	male	29.70	0	0	7.8958	C
## 422	0	3	male	21.00	0	0	7.7333	Q
## 423	0	3	male	29.00	0	0	7.8750	S
## 424	0	3	female	28.00	1	1	14.4000	S
## 425	0	3	male	18.00	1	1	20.2125	S
## 426	0	3	male	29.70	0	0	7.2500	S
## 427	1	2	female	28.00	1	0	26.0000	S
## 428	1	2	female	19.00	0	0	26.0000	S
## 429	0	3	male	29.70	0	0	7.7500	Q
## 430	1	3	male	32.00	0	0	8.0500	S
## 431	1	1	male	28.00	0	0	26.5500	S
## 432	1	3	female	29.70	1	0	16.1000	S
## 433	1	2	female	42.00	1	0	26.0000	S
## 434	0	3	male	17.00	0	0	7.1250	S
## 435	0	1	male	50.00	1	0	55.9000	S
## 436	1	1	female	14.00	1	2	120.0000	S
## 437	0	3	female	21.00	2	2	34.3750	S
## 438	1	2	female	24.00	2	3	18.7500	S
## 439	0	1	male	64.00	1	4	263.0000	S
## 440	0	2	male	31.00	0	0	10.5000	S
## 441	1	2	female	45.00	1	1	26.2500	S
## 442	0	3	male	20.00	0	0	9.5000	S
## 443	0	3	male	25.00	1	0	7.7750	S
## 444	1	2	female	28.00	0	0	13.0000	S
## 445	1	3	male	29.70	0	0	8.1125	S
## 446	1	1	male	4.00	0	2	81.8583	S
## 447	1	2	female	13.00	0	1	19.5000	S
## 448	1	1	male	34.00	0	0	26.5500	S
## 449	1	3	female	5.00	2	1	19.2583	C
## 450	1	1	male	52.00	0	0	30.5000	S
## 451	0	2	male	36.00	1	2	27.7500	S
## 452	0	3	male	29.70	1	0	19.9667	S

## 453	0	1	male	30.00	0	0	27.7500	C
## 454	1	1	male	49.00	1	0	89.1042	C
## 455	0	3	male	29.70	0	0	8.0500	S
## 456	1	3	male	29.00	0	0	7.8958	C
## 457	0	1	male	65.00	0	0	26.5500	S
## 458	1	1	female	29.70	1	0	51.8625	S
## 459	1	2	female	50.00	0	0	10.5000	S
## 460	0	3	male	29.70	0	0	7.7500	Q
## 461	1	1	male	48.00	0	0	26.5500	S
## 462	0	3	male	34.00	0	0	8.0500	S
## 463	0	1	male	47.00	0	0	38.5000	S
## 464	0	2	male	48.00	0	0	13.0000	S
## 465	0	3	male	29.70	0	0	8.0500	S
## 466	0	3	male	38.00	0	0	7.0500	S
## 467	0	2	male	29.70	0	0	0.0000	S
## 468	0	1	male	56.00	0	0	26.5500	S
## 469	0	3	male	29.70	0	0	7.7250	Q
## 470	1	3	female	0.75	2	1	19.2583	C
## 471	0	3	male	29.70	0	0	7.2500	S
## 472	0	3	male	38.00	0	0	8.6625	S
## 473	1	2	female	33.00	1	2	27.7500	S
## 474	1	2	female	23.00	0	0	13.7917	C
## 475	0	3	female	22.00	0	0	9.8375	S
## 476	0	1	male	29.70	0	0	52.0000	S
## 477	0	2	male	34.00	1	0	21.0000	S
## 478	0	3	male	29.00	1	0	7.0458	S
## 479	0	3	male	22.00	0	0	7.5208	S
## 480	1	3	female	2.00	0	1	12.2875	S
## 481	0	3	male	9.00	5	2	46.9000	S
## 482	0	2	male	29.70	0	0	0.0000	S
## 483	0	3	male	50.00	0	0	8.0500	S
## 484	1	3	female	63.00	0	0	9.5875	S
## 485	1	1	male	25.00	1	0	91.0792	C
## 486	0	3	female	29.70	3	1	25.4667	S
## 487	1	1	female	35.00	1	0	90.0000	S
## 488	0	1	male	58.00	0	0	29.7000	C
## 489	0	3	male	30.00	0	0	8.0500	S
## 490	1	3	male	9.00	1	1	15.9000	S
## 491	0	3	male	29.70	1	0	19.9667	S
## 492	0	3	male	21.00	0	0	7.2500	S
## 493	0	1	male	55.00	0	0	30.5000	S
## 494	0	1	male	71.00	0	0	49.5042	C
## 495	0	3	male	21.00	0	0	8.0500	S
## 496	0	3	male	29.70	0	0	14.4583	C
## 497	1	1	female	54.00	1	0	78.2667	C
## 498	0	3	male	29.70	0	0	15.1000	S
## 499	0	1	female	25.00	1	2	151.5500	S
## 500	0	3	male	24.00	0	0	7.7958	S
## 501	0	3	male	17.00	0	0	8.6625	S
## 502	0	3	female	21.00	0	0	7.7500	Q
## 503	0	3	female	29.70	0	0	7.6292	Q
## 504	0	3	female	37.00	0	0	9.5875	S
## 505	1	1	female	16.00	0	0	86.5000	S
## 506	0	1	male	18.00	1	0	108.9000	C

## 507	1	2 female	33.00	0	2	26.0000	S
## 508	1	1 male	29.70	0	0	26.5500	S
## 509	0	3 male	28.00	0	0	22.5250	S
## 510	1	3 male	26.00	0	0	56.4958	S
## 511	1	3 male	29.00	0	0	7.7500	Q
## 512	0	3 male	29.70	0	0	8.0500	S
## 513	1	1 male	36.00	0	0	26.2875	S
## 514	1	1 female	54.00	1	0	59.4000	C
## 515	0	3 male	24.00	0	0	7.4958	S
## 516	0	1 male	47.00	0	0	34.0208	S
## 517	1	2 female	34.00	0	0	10.5000	S
## 518	0	3 male	29.70	0	0	24.1500	Q
## 519	1	2 female	36.00	1	0	26.0000	S
## 520	0	3 male	32.00	0	0	7.8958	S
## 521	1	1 female	30.00	0	0	93.5000	S
## 522	0	3 male	22.00	0	0	7.8958	S
## 523	0	3 male	29.70	0	0	7.2250	C
## 524	1	1 female	44.00	0	1	57.9792	C
## 525	0	3 male	29.70	0	0	7.2292	C
## 526	0	3 male	40.50	0	0	7.7500	Q
## 527	1	2 female	50.00	0	0	10.5000	S
## 528	0	1 male	29.70	0	0	221.7792	S
## 529	0	3 male	39.00	0	0	7.9250	S
## 530	0	2 male	23.00	2	1	11.5000	S
## 531	1	2 female	2.00	1	1	26.0000	S
## 532	0	3 male	29.70	0	0	7.2292	C
## 533	0	3 male	17.00	1	1	7.2292	C
## 534	1	3 female	29.70	0	2	22.3583	C
## 535	0	3 female	30.00	0	0	8.6625	S
## 536	1	2 female	7.00	0	2	26.2500	S
## 537	0	1 male	45.00	0	0	26.5500	S
## 538	1	1 female	30.00	0	0	106.4250	C
## 539	0	3 male	29.70	0	0	14.5000	S
## 540	1	1 female	22.00	0	2	49.5000	C
## 541	1	1 female	36.00	0	2	71.0000	S
## 542	0	3 female	9.00	4	2	31.2750	S
## 543	0	3 female	11.00	4	2	31.2750	S
## 544	1	2 male	32.00	1	0	26.0000	S
## 545	0	1 male	50.00	1	0	106.4250	C
## 546	0	1 male	64.00	0	0	26.0000	S
## 547	1	2 female	19.00	1	0	26.0000	S
## 548	1	2 male	29.70	0	0	13.8625	C
## 549	0	3 male	33.00	1	1	20.5250	S
## 550	1	2 male	8.00	1	1	36.7500	S
## 551	1	1 male	17.00	0	2	110.8833	C
## 552	0	2 male	27.00	0	0	26.0000	S
## 553	0	3 male	29.70	0	0	7.8292	Q
## 554	1	3 male	22.00	0	0	7.2250	C
## 555	1	3 female	22.00	0	0	7.7750	S
## 556	0	1 male	62.00	0	0	26.5500	S
## 557	1	1 female	48.00	1	0	39.6000	C
## 558	0	1 male	29.70	0	0	227.5250	C
## 559	1	1 female	39.00	1	1	79.6500	S
## 560	1	3 female	36.00	1	0	17.4000	S

## 561	0	3	male	29.70	0	0	7.7500	Q
## 562	0	3	male	40.00	0	0	7.8958	S
## 563	0	2	male	28.00	0	0	13.5000	S
## 564	0	3	male	29.70	0	0	8.0500	S
## 565	0	3	female	29.70	0	0	8.0500	S
## 566	0	3	male	24.00	2	0	24.1500	S
## 567	0	3	male	19.00	0	0	7.8958	S
## 568	0	3	female	29.00	0	4	21.0750	S
## 569	0	3	male	29.70	0	0	7.2292	C
## 570	1	3	male	32.00	0	0	7.8542	S
## 571	1	2	male	62.00	0	0	10.5000	S
## 572	1	1	female	53.00	2	0	51.4792	S
## 573	1	1	male	36.00	0	0	26.3875	S
## 574	1	3	female	29.70	0	0	7.7500	Q
## 575	0	3	male	16.00	0	0	8.0500	S
## 576	0	3	male	19.00	0	0	14.5000	S
## 577	1	2	female	34.00	0	0	13.0000	S
## 578	1	1	female	39.00	1	0	55.9000	S
## 579	0	3	female	29.70	1	0	14.4583	C
## 580	1	3	male	32.00	0	0	7.9250	S
## 581	1	2	female	25.00	1	1	30.0000	S
## 582	1	1	female	39.00	1	1	110.8833	C
## 583	0	2	male	54.00	0	0	26.0000	S
## 584	0	1	male	36.00	0	0	40.1250	C
## 585	0	3	male	29.70	0	0	8.7125	C
## 586	1	1	female	18.00	0	2	79.6500	S
## 587	0	2	male	47.00	0	0	15.0000	S
## 588	1	1	male	60.00	1	1	79.2000	C
## 589	0	3	male	22.00	0	0	8.0500	S
## 590	0	3	male	29.70	0	0	8.0500	S
## 591	0	3	male	35.00	0	0	7.1250	S
## 592	1	1	female	52.00	1	0	78.2667	C
## 593	0	3	male	47.00	0	0	7.2500	S
## 594	0	3	female	29.70	0	2	7.7500	Q
## 595	0	2	male	37.00	1	0	26.0000	S
## 596	0	3	male	36.00	1	1	24.1500	S
## 597	1	2	female	29.70	0	0	33.0000	S
## 598	0	3	male	49.00	0	0	0.0000	S
## 599	0	3	male	29.70	0	0	7.2250	C
## 600	1	1	male	49.00	1	0	56.9292	C
## 601	1	2	female	24.00	2	1	27.0000	S
## 602	0	3	male	29.70	0	0	7.8958	S
## 603	0	1	male	29.70	0	0	42.4000	S
## 604	0	3	male	44.00	0	0	8.0500	S
## 605	1	1	male	35.00	0	0	26.5500	C
## 606	0	3	male	36.00	1	0	15.5500	S
## 607	0	3	male	30.00	0	0	7.8958	S
## 608	1	1	male	27.00	0	0	30.5000	S
## 609	1	2	female	22.00	1	2	41.5792	C
## 610	1	1	female	40.00	0	0	153.4625	S
## 611	0	3	female	39.00	1	5	31.2750	S
## 612	0	3	male	29.70	0	0	7.0500	S
## 613	1	3	female	29.70	1	0	15.5000	Q
## 614	0	3	male	29.70	0	0	7.7500	Q

## 615	0	3	male	35.00	0	0	8.0500	S
## 616	1	2	female	24.00	1	2	65.0000	S
## 617	0	3	male	34.00	1	1	14.4000	S
## 618	0	3	female	26.00	1	0	16.1000	S
## 619	1	2	female	4.00	2	1	39.0000	S
## 620	0	2	male	26.00	0	0	10.5000	S
## 621	0	3	male	27.00	1	0	14.4542	C
## 622	1	1	male	42.00	1	0	52.5542	S
## 623	1	3	male	20.00	1	1	15.7417	C
## 624	0	3	male	21.00	0	0	7.8542	S
## 625	0	3	male	21.00	0	0	16.1000	S
## 626	0	1	male	61.00	0	0	32.3208	S
## 627	0	2	male	57.00	0	0	12.3500	Q
## 628	1	1	female	21.00	0	0	77.9583	S
## 629	0	3	male	26.00	0	0	7.8958	S
## 630	0	3	male	29.70	0	0	7.7333	Q
## 631	1	1	male	80.00	0	0	30.0000	S
## 632	0	3	male	51.00	0	0	7.0542	S
## 633	1	1	male	32.00	0	0	30.5000	C
## 634	0	1	male	29.70	0	0	0.0000	S
## 635	0	3	female	9.00	3	2	27.9000	S
## 636	1	2	female	28.00	0	0	13.0000	S
## 637	0	3	male	32.00	0	0	7.9250	S
## 638	0	2	male	31.00	1	1	26.2500	S
## 639	0	3	female	41.00	0	5	39.6875	S
## 640	0	3	male	29.70	1	0	16.1000	S
## 641	0	3	male	20.00	0	0	7.8542	S
## 642	1	1	female	24.00	0	0	69.3000	C
## 643	0	3	female	2.00	3	2	27.9000	S
## 644	1	3	male	29.70	0	0	56.4958	S
## 645	1	3	female	0.75	2	1	19.2583	C
## 646	1	1	male	48.00	1	0	76.7292	C
## 647	0	3	male	19.00	0	0	7.8958	S
## 648	1	1	male	56.00	0	0	35.5000	C
## 649	0	3	male	29.70	0	0	7.5500	S
## 650	1	3	female	23.00	0	0	7.5500	S
## 651	0	3	male	29.70	0	0	7.8958	S
## 652	1	2	female	18.00	0	1	23.0000	S
## 653	0	3	male	21.00	0	0	8.4333	S
## 654	1	3	female	29.70	0	0	7.8292	Q
## 655	0	3	female	18.00	0	0	6.7500	Q
## 656	0	2	male	24.00	2	0	73.5000	S
## 657	0	3	male	29.70	0	0	7.8958	S
## 658	0	3	female	32.00	1	1	15.5000	Q
## 659	0	2	male	23.00	0	0	13.0000	S
## 660	0	1	male	58.00	0	2	113.2750	C
## 661	1	1	male	50.00	2	0	133.6500	S
## 662	0	3	male	40.00	0	0	7.2250	C
## 663	0	1	male	47.00	0	0	25.5875	S
## 664	0	3	male	36.00	0	0	7.4958	S
## 665	1	3	male	20.00	1	0	7.9250	S
## 666	0	2	male	32.00	2	0	73.5000	S
## 667	0	2	male	25.00	0	0	13.0000	S
## 668	0	3	male	29.70	0	0	7.7750	S

## 669	0	3	male	43.00	0	0	8.0500	S
## 670	1	1	female	29.70	1	0	52.0000	S
## 671	1	2	female	40.00	1	1	39.0000	S
## 672	0	1	male	31.00	1	0	52.0000	S
## 673	0	2	male	70.00	0	0	10.5000	S
## 674	1	2	male	31.00	0	0	13.0000	S
## 675	0	2	male	29.70	0	0	0.0000	S
## 676	0	3	male	18.00	0	0	7.7750	S
## 677	0	3	male	24.50	0	0	8.0500	S
## 678	1	3	female	18.00	0	0	9.8417	S
## 679	0	3	female	43.00	1	6	46.9000	S
## 680	1	1	male	36.00	0	1	512.3292	C
## 681	0	3	female	29.70	0	0	8.1375	Q
## 682	1	1	male	27.00	0	0	76.7292	C
## 683	0	3	male	20.00	0	0	9.2250	S
## 684	0	3	male	14.00	5	2	46.9000	S
## 685	0	2	male	60.00	1	1	39.0000	S
## 686	0	2	male	25.00	1	2	41.5792	C
## 687	0	3	male	14.00	4	1	39.6875	S
## 688	0	3	male	19.00	0	0	10.1708	S
## 689	0	3	male	18.00	0	0	7.7958	S
## 690	1	1	female	15.00	0	1	211.3375	S
## 691	1	1	male	31.00	1	0	57.0000	S
## 692	1	3	female	4.00	0	1	13.4167	C
## 693	1	3	male	29.70	0	0	56.4958	S
## 694	0	3	male	25.00	0	0	7.2250	C
## 695	0	1	male	60.00	0	0	26.5500	S
## 696	0	2	male	52.00	0	0	13.5000	S
## 697	0	3	male	44.00	0	0	8.0500	S
## 698	1	3	female	29.70	0	0	7.7333	Q
## 699	0	1	male	49.00	1	1	110.8833	C
## 700	0	3	male	42.00	0	0	7.6500	S
## 701	1	1	female	18.00	1	0	227.5250	C
## 702	1	1	male	35.00	0	0	26.2875	S
## 703	0	3	female	18.00	0	1	14.4542	C
## 704	0	3	male	25.00	0	0	7.7417	Q
## 705	0	3	male	26.00	1	0	7.8542	S
## 706	0	2	male	39.00	0	0	26.0000	S
## 707	1	2	female	45.00	0	0	13.5000	S
## 708	1	1	male	42.00	0	0	26.2875	S
## 709	1	1	female	22.00	0	0	151.5500	S
## 710	1	3	male	29.70	1	1	15.2458	C
## 711	1	1	female	24.00	0	0	49.5042	C
## 712	0	1	male	29.70	0	0	26.5500	S
## 713	1	1	male	48.00	1	0	52.0000	S
## 714	0	3	male	29.00	0	0	9.4833	S
## 715	0	2	male	52.00	0	0	13.0000	S
## 716	0	3	male	19.00	0	0	7.6500	S
## 717	1	1	female	38.00	0	0	227.5250	C
## 718	1	2	female	27.00	0	0	10.5000	S
## 719	0	3	male	29.70	0	0	15.5000	Q
## 720	0	3	male	33.00	0	0	7.7750	S
## 721	1	2	female	6.00	0	1	33.0000	S
## 722	0	3	male	17.00	1	0	7.0542	S

## 723	0	2	male	34.00	0	0	13.0000	S
## 724	0	2	male	50.00	0	0	13.0000	S
## 725	1	1	male	27.00	1	0	53.1000	S
## 726	0	3	male	20.00	0	0	8.6625	S
## 727	1	2	female	30.00	3	0	21.0000	S
## 728	1	3	female	29.70	0	0	7.7375	Q
## 729	0	2	male	25.00	1	0	26.0000	S
## 730	0	3	female	25.00	1	0	7.9250	S
## 731	1	1	female	29.00	0	0	211.3375	S
## 732	0	3	male	11.00	0	0	18.7875	C
## 733	0	2	male	29.70	0	0	0.0000	S
## 734	0	2	male	23.00	0	0	13.0000	S
## 735	0	2	male	23.00	0	0	13.0000	S
## 736	0	3	male	28.50	0	0	16.1000	S
## 737	0	3	female	48.00	1	3	34.3750	S
## 738	1	1	male	35.00	0	0	512.3292	C
## 739	0	3	male	29.70	0	0	7.8958	S
## 740	0	3	male	29.70	0	0	7.8958	S
## 741	1	1	male	29.70	0	0	30.0000	S
## 742	0	1	male	36.00	1	0	78.8500	S
## 743	1	1	female	21.00	2	2	262.3750	C
## 744	0	3	male	24.00	1	0	16.1000	S
## 745	1	3	male	31.00	0	0	7.9250	S
## 746	0	1	male	70.00	1	1	71.0000	S
## 747	0	3	male	16.00	1	1	20.2500	S
## 748	1	2	female	30.00	0	0	13.0000	S
## 749	0	1	male	19.00	1	0	53.1000	S
## 750	0	3	male	31.00	0	0	7.7500	Q
## 751	1	2	female	4.00	1	1	23.0000	S
## 752	1	3	male	6.00	0	1	12.4750	S
## 753	0	3	male	33.00	0	0	9.5000	S
## 754	0	3	male	23.00	0	0	7.8958	S
## 755	1	2	female	48.00	1	2	65.0000	S
## 756	1	2	male	0.67	1	1	14.5000	S
## 757	0	3	male	28.00	0	0	7.7958	S
## 758	0	2	male	18.00	0	0	11.5000	S
## 759	0	3	male	34.00	0	0	8.0500	S
## 760	1	1	female	33.00	0	0	86.5000	S
## 761	0	3	male	29.70	0	0	14.5000	S
## 762	0	3	male	41.00	0	0	7.1250	S
## 763	1	3	male	20.00	0	0	7.2292	C
## 764	1	1	female	36.00	1	2	120.0000	S
## 765	0	3	male	16.00	0	0	7.7750	S
## 766	1	1	female	51.00	1	0	77.9583	S
## 767	0	1	male	29.70	0	0	39.6000	C
## 768	0	3	female	30.50	0	0	7.7500	Q
## 769	0	3	male	29.70	1	0	24.1500	Q
## 770	0	3	male	32.00	0	0	8.3625	S
## 771	0	3	male	24.00	0	0	9.5000	S
## 772	0	3	male	48.00	0	0	7.8542	S
## 773	0	2	female	57.00	0	0	10.5000	S
## 774	0	3	male	29.70	0	0	7.2250	C
## 775	1	2	female	54.00	1	3	23.0000	S
## 776	0	3	male	18.00	0	0	7.7500	S

## 777	0	3	male	29.70	0	0	7.7500	Q
## 778	1	3	female	5.00	0	0	12.4750	S
## 779	0	3	male	29.70	0	0	7.7375	Q
## 780	1	1	female	43.00	0	1	211.3375	S
## 781	1	3	female	13.00	0	0	7.2292	C
## 782	1	1	female	17.00	1	0	57.0000	S
## 783	0	1	male	29.00	0	0	30.0000	S
## 784	0	3	male	29.70	1	2	23.4500	S
## 785	0	3	male	25.00	0	0	7.0500	S
## 786	0	3	male	25.00	0	0	7.2500	S
## 787	1	3	female	18.00	0	0	7.4958	S
## 788	0	3	male	8.00	4	1	29.1250	Q
## 789	1	3	male	1.00	1	2	20.5750	S
## 790	0	1	male	46.00	0	0	79.2000	C
## 791	0	3	male	29.70	0	0	7.7500	Q
## 792	0	2	male	16.00	0	0	26.0000	S
## 793	0	3	female	29.70	8	2	69.5500	S
## 794	0	1	male	29.70	0	0	30.6958	C
## 795	0	3	male	25.00	0	0	7.8958	S
## 796	0	2	male	39.00	0	0	13.0000	S
## 797	1	1	female	49.00	0	0	25.9292	S
## 798	1	3	female	31.00	0	0	8.6833	S
## 799	0	3	male	30.00	0	0	7.2292	C
## 800	0	3	female	30.00	1	1	24.1500	S
## 801	0	2	male	34.00	0	0	13.0000	S
## 802	1	2	female	31.00	1	1	26.2500	S
## 803	1	1	male	11.00	1	2	120.0000	S
## 804	1	3	male	0.42	0	1	8.5167	C
## 805	1	3	male	27.00	0	0	6.9750	S
## 806	0	3	male	31.00	0	0	7.7750	S
## 807	0	1	male	39.00	0	0	0.0000	S
## 808	0	3	female	18.00	0	0	7.7750	S
## 809	0	2	male	39.00	0	0	13.0000	S
## 810	1	1	female	33.00	1	0	53.1000	S
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## 812	0	3	male	39.00	0	0	24.1500	S
## 813	0	2	male	35.00	0	0	10.5000	S
## 814	0	3	female	6.00	4	2	31.2750	S
## 815	0	3	male	30.50	0	0	8.0500	S
## 816	0	1	male	29.70	0	0	0.0000	S
## 817	0	3	female	23.00	0	0	7.9250	S
## 818	0	2	male	31.00	1	1	37.0042	C
## 819	0	3	male	43.00	0	0	6.4500	S
## 820	0	3	male	10.00	3	2	27.9000	S
## 821	1	1	female	52.00	1	1	93.5000	S
## 822	1	3	male	27.00	0	0	8.6625	S
## 823	0	1	male	38.00	0	0	0.0000	S
## 824	1	3	female	27.00	0	1	12.4750	S
## 825	0	3	male	2.00	4	1	39.6875	S
## 826	0	3	male	29.70	0	0	6.9500	Q
## 827	0	3	male	29.70	0	0	56.4958	S
## 828	1	2	male	1.00	0	2	37.0042	C
## 829	1	3	male	29.70	0	0	7.7500	Q
## 830	1	1	female	62.00	0	0	80.0000	

## 831	1	3 female	15.00	1	0	14.4542	C
## 832	1	2 male	0.83	1	1	18.7500	S
## 833	0	3 male	29.70	0	0	7.2292	C
## 834	0	3 male	23.00	0	0	7.8542	S
## 835	0	3 male	18.00	0	0	8.3000	S
## 836	1	1 female	39.00	1	1	83.1583	C
## 837	0	3 male	21.00	0	0	8.6625	S
## 838	0	3 male	29.70	0	0	8.0500	S
## 839	1	3 male	32.00	0	0	56.4958	S
## 840	1	1 male	29.70	0	0	29.7000	C
## 841	0	3 male	20.00	0	0	7.9250	S
## 842	0	2 male	16.00	0	0	10.5000	S
## 843	1	1 female	30.00	0	0	31.0000	C
## 844	0	3 male	34.50	0	0	6.4375	C
## 845	0	3 male	17.00	0	0	8.6625	S
## 846	0	3 male	42.00	0	0	7.5500	S
## 847	0	3 male	29.70	8	2	69.5500	S
## 848	0	3 male	35.00	0	0	7.8958	C
## 849	0	2 male	28.00	0	1	33.0000	S
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## 854	1	1 female	16.00	0	1	39.4000	S
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## 857	1	1 female	45.00	1	1	164.8667	S
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599 -0.502666221
600 0.497550536
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605 -0.113781804
606 -0.335139040
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609 0.188656575
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817 -0.488579852
818 0.096592088
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831 -0.357190246
832 -0.270744208
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834 -0.490004587
835 -0.481033582
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837 -0.473738855
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839 0.488829061
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841 -0.488579852
842 -0.436762135
843 -0.024232741
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851 -0.018698810
852 -0.491598359
853 -0.341260574
854 0.144803694
855 -0.124849666
856 -0.459904028

```
## 857 2.669618414
## 858 -0.113781804
## 859 -0.260515491
## 860 -0.502581703
## 861 -0.364150925
## 862 -0.416638750
## 863 -0.126274402
## 864 0.751523754
## 865 -0.386453672
## 866 -0.386453672
## 867 -0.369181771
## 868 0.368088750
## 869 -0.456885520
## 870 -0.424017995
## 871 -0.489167454
## 872 0.409510726
## 873 -0.547440753
## 874 -0.466947213
## 875 -0.165096436
## 876 -0.502666221
## 877 -0.449926854
## 878 -0.489167454
## 879 -0.489167454
## 880 1.025368816
## 881 -0.124849666
## 882 -0.489167454
## 883 -0.436426074
## 884 -0.436762135
## 885 -0.506187814
## 886 -0.061964088
## 887 -0.386453672
## 888 -0.044356126
## 889 -0.176164298
## 890 -0.044356126
## 891 -0.492101444
```

21 Add categorical variable named `cfare` that takes value `cheap` for passengers paying less the average fare and takes value `expensive` for passengers paying more than the average fare.

```
Fare_Mean = mean(d$Fare)
value = d$Fare > Fare_Mean

value [value == "TRUE"] <- "Expensive"
value [value == "FALSE"] <- "Cheap"

cbind(d,value)
```

```
##      Survived Pclass    Sex   Age SibSp Parch      Fare Embarked  value
## 1           0      3  male  22.00     1     0   7.2500         S   Cheap
## 2           1      1 female  38.00     1     0  71.2833         C Expensive
## 3           1      3 female  26.00     0     0   7.9250         S   Cheap
## 4           1      1 female  35.00     1     0  53.1000         S Expensive
## 5           0      3  male  35.00     0     0   8.0500         S   Cheap
```

## 6	0	3	male	29.70	0	0	8.4583	Q	Cheap
## 7	0	1	male	54.00	0	0	51.8625	S	Expensive
## 8	0	3	male	2.00	3	1	21.0750	S	Cheap
## 9	1	3	female	27.00	0	2	11.1333	S	Cheap
## 10	1	2	female	14.00	1	0	30.0708	C	Cheap
## 11	1	3	female	4.00	1	1	16.7000	S	Cheap
## 12	1	1	female	58.00	0	0	26.5500	S	Cheap
## 13	0	3	male	20.00	0	0	8.0500	S	Cheap
## 14	0	3	male	39.00	1	5	31.2750	S	Cheap
## 15	0	3	female	14.00	0	0	7.8542	S	Cheap
## 16	1	2	female	55.00	0	0	16.0000	S	Cheap
## 17	0	3	male	2.00	4	1	29.1250	Q	Cheap
## 18	1	2	male	29.70	0	0	13.0000	S	Cheap
## 19	0	3	female	31.00	1	0	18.0000	S	Cheap
## 20	1	3	female	29.70	0	0	7.2250	C	Cheap
## 21	0	2	male	35.00	0	0	26.0000	S	Cheap
## 22	1	2	male	34.00	0	0	13.0000	S	Cheap
## 23	1	3	female	15.00	0	0	8.0292	Q	Cheap
## 24	1	1	male	28.00	0	0	35.5000	S	Expensive
## 25	0	3	female	8.00	3	1	21.0750	S	Cheap
## 26	1	3	female	38.00	1	5	31.3875	S	Cheap
## 27	0	3	male	29.70	0	0	7.2250	C	Cheap
## 28	0	1	male	19.00	3	2	263.0000	S	Expensive
## 29	1	3	female	29.70	0	0	7.8792	Q	Cheap
## 30	0	3	male	29.70	0	0	7.8958	S	Cheap
## 31	0	1	male	40.00	0	0	27.7208	C	Cheap
## 32	1	1	female	29.70	1	0	146.5208	C	Expensive
## 33	1	3	female	29.70	0	0	7.7500	Q	Cheap
## 34	0	2	male	66.00	0	0	10.5000	S	Cheap
## 35	0	1	male	28.00	1	0	82.1708	C	Expensive
## 36	0	1	male	42.00	1	0	52.0000	S	Expensive
## 37	1	3	male	29.70	0	0	7.2292	C	Cheap
## 38	0	3	male	21.00	0	0	8.0500	S	Cheap
## 39	0	3	female	18.00	2	0	18.0000	S	Cheap
## 40	1	3	female	14.00	1	0	11.2417	C	Cheap
## 41	0	3	female	40.00	1	0	9.4750	S	Cheap
## 42	0	2	female	27.00	1	0	21.0000	S	Cheap
## 43	0	3	male	29.70	0	0	7.8958	C	Cheap
## 44	1	2	female	3.00	1	2	41.5792	C	Expensive
## 45	1	3	female	19.00	0	0	7.8792	Q	Cheap
## 46	0	3	male	29.70	0	0	8.0500	S	Cheap
## 47	0	3	male	29.70	1	0	15.5000	Q	Cheap
## 48	1	3	female	29.70	0	0	7.7500	Q	Cheap
## 49	0	3	male	29.70	2	0	21.6792	C	Cheap
## 50	0	3	female	18.00	1	0	17.8000	S	Cheap
## 51	0	3	male	7.00	4	1	39.6875	S	Expensive
## 52	0	3	male	21.00	0	0	7.8000	S	Cheap
## 53	1	1	female	49.00	1	0	76.7292	C	Expensive
## 54	1	2	female	29.00	1	0	26.0000	S	Cheap
## 55	0	1	male	65.00	0	1	61.9792	C	Expensive
## 56	1	1	male	29.70	0	0	35.5000	S	Expensive
## 57	1	2	female	21.00	0	0	10.5000	S	Cheap
## 58	0	3	male	28.50	0	0	7.2292	C	Cheap
## 59	1	2	female	5.00	1	2	27.7500	S	Cheap

## 60	0	3	male	11.00	5	2	46.9000	S	Expensive
## 61	0	3	male	22.00	0	0	7.2292	C	Cheap
## 62	1	1	female	38.00	0	0	80.0000		Expensive
## 63	0	1	male	45.00	1	0	83.4750	S	Expensive
## 64	0	3	male	4.00	3	2	27.9000	S	Cheap
## 65	0	1	male	29.70	0	0	27.7208	C	Cheap
## 66	1	3	male	29.70	1	1	15.2458	C	Cheap
## 67	1	2	female	29.00	0	0	10.5000	S	Cheap
## 68	0	3	male	19.00	0	0	8.1583	S	Cheap
## 69	1	3	female	17.00	4	2	7.9250	S	Cheap
## 70	0	3	male	26.00	2	0	8.6625	S	Cheap
## 71	0	2	male	32.00	0	0	10.5000	S	Cheap
## 72	0	3	female	16.00	5	2	46.9000	S	Expensive
## 73	0	2	male	21.00	0	0	73.5000	S	Expensive
## 74	0	3	male	26.00	1	0	14.4542	C	Cheap
## 75	1	3	male	32.00	0	0	56.4958	S	Expensive
## 76	0	3	male	25.00	0	0	7.6500	S	Cheap
## 77	0	3	male	29.70	0	0	7.8958	S	Cheap
## 78	0	3	male	29.70	0	0	8.0500	S	Cheap
## 79	1	2	male	0.83	0	2	29.0000	S	Cheap
## 80	1	3	female	30.00	0	0	12.4750	S	Cheap
## 81	0	3	male	22.00	0	0	9.0000	S	Cheap
## 82	1	3	male	29.00	0	0	9.5000	S	Cheap
## 83	1	3	female	29.70	0	0	7.7875	Q	Cheap
## 84	0	1	male	28.00	0	0	47.1000	S	Expensive
## 85	1	2	female	17.00	0	0	10.5000	S	Cheap
## 86	1	3	female	33.00	3	0	15.8500	S	Cheap
## 87	0	3	male	16.00	1	3	34.3750	S	Expensive
## 88	0	3	male	29.70	0	0	8.0500	S	Cheap
## 89	1	1	female	23.00	3	2	263.0000	S	Expensive
## 90	0	3	male	24.00	0	0	8.0500	S	Cheap
## 91	0	3	male	29.00	0	0	8.0500	S	Cheap
## 92	0	3	male	20.00	0	0	7.8542	S	Cheap
## 93	0	1	male	46.00	1	0	61.1750	S	Expensive
## 94	0	3	male	26.00	1	2	20.5750	S	Cheap
## 95	0	3	male	59.00	0	0	7.2500	S	Cheap
## 96	0	3	male	29.70	0	0	8.0500	S	Cheap
## 97	0	1	male	71.00	0	0	34.6542	C	Expensive
## 98	1	1	male	23.00	0	1	63.3583	C	Expensive
## 99	1	2	female	34.00	0	1	23.0000	S	Cheap
## 100	0	2	male	34.00	1	0	26.0000	S	Cheap
## 101	0	3	female	28.00	0	0	7.8958	S	Cheap
## 102	0	3	male	29.70	0	0	7.8958	S	Cheap
## 103	0	1	male	21.00	0	1	77.2875	S	Expensive
## 104	0	3	male	33.00	0	0	8.6542	S	Cheap
## 105	0	3	male	37.00	2	0	7.9250	S	Cheap
## 106	0	3	male	28.00	0	0	7.8958	S	Cheap
## 107	1	3	female	21.00	0	0	7.6500	S	Cheap
## 108	1	3	male	29.70	0	0	7.7750	S	Cheap
## 109	0	3	male	38.00	0	0	7.8958	S	Cheap
## 110	1	3	female	29.70	1	0	24.1500	Q	Cheap
## 111	0	1	male	47.00	0	0	52.0000	S	Expensive
## 112	0	3	female	14.50	1	0	14.4542	C	Cheap
## 113	0	3	male	22.00	0	0	8.0500	S	Cheap

## 114	0	3 female	20.00	1	0	9.8250	S	Cheap
## 115	0	3 female	17.00	0	0	14.4583	C	Cheap
## 116	0	3 male	21.00	0	0	7.9250	S	Cheap
## 117	0	3 male	70.50	0	0	7.7500	Q	Cheap
## 118	0	2 male	29.00	1	0	21.0000	S	Cheap
## 119	0	1 male	24.00	0	1	247.5208	C	Expensive
## 120	0	3 female	2.00	4	2	31.2750	S	Cheap
## 121	0	2 male	21.00	2	0	73.5000	S	Expensive
## 122	0	3 male	29.70	0	0	8.0500	S	Cheap
## 123	0	2 male	32.50	1	0	30.0708	C	Cheap
## 124	1	2 female	32.50	0	0	13.0000	S	Cheap
## 125	0	1 male	54.00	0	1	77.2875	S	Expensive
## 126	1	3 male	12.00	1	0	11.2417	C	Cheap
## 127	0	3 male	29.70	0	0	7.7500	Q	Cheap
## 128	1	3 male	24.00	0	0	7.1417	S	Cheap
## 129	1	3 female	29.70	1	1	22.3583	C	Cheap
## 130	0	3 male	45.00	0	0	6.9750	S	Cheap
## 131	0	3 male	33.00	0	0	7.8958	C	Cheap
## 132	0	3 male	20.00	0	0	7.0500	S	Cheap
## 133	0	3 female	47.00	1	0	14.5000	S	Cheap
## 134	1	2 female	29.00	1	0	26.0000	S	Cheap
## 135	0	2 male	25.00	0	0	13.0000	S	Cheap
## 136	0	2 male	23.00	0	0	15.0458	C	Cheap
## 137	1	1 female	19.00	0	2	26.2833	S	Cheap
## 138	0	1 male	37.00	1	0	53.1000	S	Expensive
## 139	0	3 male	16.00	0	0	9.2167	S	Cheap
## 140	0	1 male	24.00	0	0	79.2000	C	Expensive
## 141	0	3 female	29.70	0	2	15.2458	C	Cheap
## 142	1	3 female	22.00	0	0	7.7500	S	Cheap
## 143	1	3 female	24.00	1	0	15.8500	S	Cheap
## 144	0	3 male	19.00	0	0	6.7500	Q	Cheap
## 145	0	2 male	18.00	0	0	11.5000	S	Cheap
## 146	0	2 male	19.00	1	1	36.7500	S	Expensive
## 147	1	3 male	27.00	0	0	7.7958	S	Cheap
## 148	0	3 female	9.00	2	2	34.3750	S	Expensive
## 149	0	2 male	36.50	0	2	26.0000	S	Cheap
## 150	0	2 male	42.00	0	0	13.0000	S	Cheap
## 151	0	2 male	51.00	0	0	12.5250	S	Cheap
## 152	1	1 female	22.00	1	0	66.6000	S	Expensive
## 153	0	3 male	55.50	0	0	8.0500	S	Cheap
## 154	0	3 male	40.50	0	2	14.5000	S	Cheap
## 155	0	3 male	29.70	0	0	7.3125	S	Cheap
## 156	0	1 male	51.00	0	1	61.3792	C	Expensive
## 157	1	3 female	16.00	0	0	7.7333	Q	Cheap
## 158	0	3 male	30.00	0	0	8.0500	S	Cheap
## 159	0	3 male	29.70	0	0	8.6625	S	Cheap
## 160	0	3 male	29.70	8	2	69.5500	S	Expensive
## 161	0	3 male	44.00	0	1	16.1000	S	Cheap
## 162	1	2 female	40.00	0	0	15.7500	S	Cheap
## 163	0	3 male	26.00	0	0	7.7750	S	Cheap
## 164	0	3 male	17.00	0	0	8.6625	S	Cheap
## 165	0	3 male	1.00	4	1	39.6875	S	Expensive
## 166	1	3 male	9.00	0	2	20.5250	S	Cheap
## 167	1	1 female	29.70	0	1	55.0000	S	Expensive

## 168	0	3 female	45.00	1	4	27.9000	S	Cheap
## 169	0	1 male	29.70	0	0	25.9250	S	Cheap
## 170	0	3 male	28.00	0	0	56.4958	S	Expensive
## 171	0	1 male	61.00	0	0	33.5000	S	Expensive
## 172	0	3 male	4.00	4	1	29.1250	Q	Cheap
## 173	1	3 female	1.00	1	1	11.1333	S	Cheap
## 174	0	3 male	21.00	0	0	7.9250	S	Cheap
## 175	0	1 male	56.00	0	0	30.6958	C	Cheap
## 176	0	3 male	18.00	1	1	7.8542	S	Cheap
## 177	0	3 male	29.70	3	1	25.4667	S	Cheap
## 178	0	1 female	50.00	0	0	28.7125	C	Cheap
## 179	0	2 male	30.00	0	0	13.0000	S	Cheap
## 180	0	3 male	36.00	0	0	0.0000	S	Cheap
## 181	0	3 female	29.70	8	2	69.5500	S	Expensive
## 182	0	2 male	29.70	0	0	15.0500	C	Cheap
## 183	0	3 male	9.00	4	2	31.3875	S	Cheap
## 184	1	2 male	1.00	2	1	39.0000	S	Expensive
## 185	1	3 female	4.00	0	2	22.0250	S	Cheap
## 186	0	1 male	29.70	0	0	50.0000	S	Expensive
## 187	1	3 female	29.70	1	0	15.5000	Q	Cheap
## 188	1	1 male	45.00	0	0	26.5500	S	Cheap
## 189	0	3 male	40.00	1	1	15.5000	Q	Cheap
## 190	0	3 male	36.00	0	0	7.8958	S	Cheap
## 191	1	2 female	32.00	0	0	13.0000	S	Cheap
## 192	0	2 male	19.00	0	0	13.0000	S	Cheap
## 193	1	3 female	19.00	1	0	7.8542	S	Cheap
## 194	1	2 male	3.00	1	1	26.0000	S	Cheap
## 195	1	1 female	44.00	0	0	27.7208	C	Cheap
## 196	1	1 female	58.00	0	0	146.5208	C	Expensive
## 197	0	3 male	29.70	0	0	7.7500	Q	Cheap
## 198	0	3 male	42.00	0	1	8.4042	S	Cheap
## 199	1	3 female	29.70	0	0	7.7500	Q	Cheap
## 200	0	2 female	24.00	0	0	13.0000	S	Cheap
## 201	0	3 male	28.00	0	0	9.5000	S	Cheap
## 202	0	3 male	29.70	8	2	69.5500	S	Expensive
## 203	0	3 male	34.00	0	0	6.4958	S	Cheap
## 204	0	3 male	45.50	0	0	7.2250	C	Cheap
## 205	1	3 male	18.00	0	0	8.0500	S	Cheap
## 206	0	3 female	2.00	0	1	10.4625	S	Cheap
## 207	0	3 male	32.00	1	0	15.8500	S	Cheap
## 208	1	3 male	26.00	0	0	18.7875	C	Cheap
## 209	1	3 female	16.00	0	0	7.7500	Q	Cheap
## 210	1	1 male	40.00	0	0	31.0000	C	Cheap
## 211	0	3 male	24.00	0	0	7.0500	S	Cheap
## 212	1	2 female	35.00	0	0	21.0000	S	Cheap
## 213	0	3 male	22.00	0	0	7.2500	S	Cheap
## 214	0	2 male	30.00	0	0	13.0000	S	Cheap
## 215	0	3 male	29.70	1	0	7.7500	Q	Cheap
## 216	1	1 female	31.00	1	0	113.2750	C	Expensive
## 217	1	3 female	27.00	0	0	7.9250	S	Cheap
## 218	0	2 male	42.00	1	0	27.0000	S	Cheap
## 219	1	1 female	32.00	0	0	76.2917	C	Expensive
## 220	0	2 male	30.00	0	0	10.5000	S	Cheap
## 221	1	3 male	16.00	0	0	8.0500	S	Cheap

## 222	0	2	male	27.00	0	0	13.0000	S	Cheap
## 223	0	3	male	51.00	0	0	8.0500	S	Cheap
## 224	0	3	male	29.70	0	0	7.8958	S	Cheap
## 225	1	1	male	38.00	1	0	90.0000	S	Expensive
## 226	0	3	male	22.00	0	0	9.3500	S	Cheap
## 227	1	2	male	19.00	0	0	10.5000	S	Cheap
## 228	0	3	male	20.50	0	0	7.2500	S	Cheap
## 229	0	2	male	18.00	0	0	13.0000	S	Cheap
## 230	0	3	female	29.70	3	1	25.4667	S	Cheap
## 231	1	1	female	35.00	1	0	83.4750	S	Expensive
## 232	0	3	male	29.00	0	0	7.7750	S	Cheap
## 233	0	2	male	59.00	0	0	13.5000	S	Cheap
## 234	1	3	female	5.00	4	2	31.3875	S	Cheap
## 235	0	2	male	24.00	0	0	10.5000	S	Cheap
## 236	0	3	female	29.70	0	0	7.5500	S	Cheap
## 237	0	2	male	44.00	1	0	26.0000	S	Cheap
## 238	1	2	female	8.00	0	2	26.2500	S	Cheap
## 239	0	2	male	19.00	0	0	10.5000	S	Cheap
## 240	0	2	male	33.00	0	0	12.2750	S	Cheap
## 241	0	3	female	29.70	1	0	14.4542	C	Cheap
## 242	1	3	female	29.70	1	0	15.5000	Q	Cheap
## 243	0	2	male	29.00	0	0	10.5000	S	Cheap
## 244	0	3	male	22.00	0	0	7.1250	S	Cheap
## 245	0	3	male	30.00	0	0	7.2250	C	Cheap
## 246	0	1	male	44.00	2	0	90.0000	Q	Expensive
## 247	0	3	female	25.00	0	0	7.7750	S	Cheap
## 248	1	2	female	24.00	0	2	14.5000	S	Cheap
## 249	1	1	male	37.00	1	1	52.5542	S	Expensive
## 250	0	2	male	54.00	1	0	26.0000	S	Cheap
## 251	0	3	male	29.70	0	0	7.2500	S	Cheap
## 252	0	3	female	29.00	1	1	10.4625	S	Cheap
## 253	0	1	male	62.00	0	0	26.5500	S	Cheap
## 254	0	3	male	30.00	1	0	16.1000	S	Cheap
## 255	0	3	female	41.00	0	2	20.2125	S	Cheap
## 256	1	3	female	29.00	0	2	15.2458	C	Cheap
## 257	1	1	female	29.70	0	0	79.2000	C	Expensive
## 258	1	1	female	30.00	0	0	86.5000	S	Expensive
## 259	1	1	female	35.00	0	0	512.3292	C	Expensive
## 260	1	2	female	50.00	0	1	26.0000	S	Cheap
## 261	0	3	male	29.70	0	0	7.7500	Q	Cheap
## 262	1	3	male	3.00	4	2	31.3875	S	Cheap
## 263	0	1	male	52.00	1	1	79.6500	S	Expensive
## 264	0	1	male	40.00	0	0	0.0000	S	Cheap
## 265	0	3	female	29.70	0	0	7.7500	Q	Cheap
## 266	0	2	male	36.00	0	0	10.5000	S	Cheap
## 267	0	3	male	16.00	4	1	39.6875	S	Expensive
## 268	1	3	male	25.00	1	0	7.7750	S	Cheap
## 269	1	1	female	58.00	0	1	153.4625	S	Expensive
## 270	1	1	female	35.00	0	0	135.6333	S	Expensive
## 271	0	1	male	29.70	0	0	31.0000	S	Cheap
## 272	1	3	male	25.00	0	0	0.0000	S	Cheap
## 273	1	2	female	41.00	0	1	19.5000	S	Cheap
## 274	0	1	male	37.00	0	1	29.7000	C	Cheap
## 275	1	3	female	29.70	0	0	7.7500	Q	Cheap

## 276	1	1 female	63.00	1	0	77.9583	S	Expensive
## 277	0	3 female	45.00	0	0	7.7500	S	Cheap
## 278	0	2 male	29.70	0	0	0.0000	S	Cheap
## 279	0	3 male	7.00	4	1	29.1250	Q	Cheap
## 280	1	3 female	35.00	1	1	20.2500	S	Cheap
## 281	0	3 male	65.00	0	0	7.7500	Q	Cheap
## 282	0	3 male	28.00	0	0	7.8542	S	Cheap
## 283	0	3 male	16.00	0	0	9.5000	S	Cheap
## 284	1	3 male	19.00	0	0	8.0500	S	Cheap
## 285	0	1 male	29.70	0	0	26.0000	S	Cheap
## 286	0	3 male	33.00	0	0	8.6625	C	Cheap
## 287	1	3 male	30.00	0	0	9.5000	S	Cheap
## 288	0	3 male	22.00	0	0	7.8958	S	Cheap
## 289	1	2 male	42.00	0	0	13.0000	S	Cheap
## 290	1	3 female	22.00	0	0	7.7500	Q	Cheap
## 291	1	1 female	26.00	0	0	78.8500	S	Expensive
## 292	1	1 female	19.00	1	0	91.0792	C	Expensive
## 293	0	2 male	36.00	0	0	12.8750	C	Cheap
## 294	0	3 female	24.00	0	0	8.8500	S	Cheap
## 295	0	3 male	24.00	0	0	7.8958	S	Cheap
## 296	0	1 male	29.70	0	0	27.7208	C	Cheap
## 297	0	3 male	23.50	0	0	7.2292	C	Cheap
## 298	0	1 female	2.00	1	2	151.5500	S	Expensive
## 299	1	1 male	29.70	0	0	30.5000	S	Cheap
## 300	1	1 female	50.00	0	1	247.5208	C	Expensive
## 301	1	3 female	29.70	0	0	7.7500	Q	Cheap
## 302	1	3 male	29.70	2	0	23.2500	Q	Cheap
## 303	0	3 male	19.00	0	0	0.0000	S	Cheap
## 304	1	2 female	29.70	0	0	12.3500	Q	Cheap
## 305	0	3 male	29.70	0	0	8.0500	S	Cheap
## 306	1	1 male	0.92	1	2	151.5500	S	Expensive
## 307	1	1 female	29.70	0	0	110.8833	C	Expensive
## 308	1	1 female	17.00	1	0	108.9000	C	Expensive
## 309	0	2 male	30.00	1	0	24.0000	C	Cheap
## 310	1	1 female	30.00	0	0	56.9292	C	Expensive
## 311	1	1 female	24.00	0	0	83.1583	C	Expensive
## 312	1	1 female	18.00	2	2	262.3750	C	Expensive
## 313	0	2 female	26.00	1	1	26.0000	S	Cheap
## 314	0	3 male	28.00	0	0	7.8958	S	Cheap
## 315	0	2 male	43.00	1	1	26.2500	S	Cheap
## 316	1	3 female	26.00	0	0	7.8542	S	Cheap
## 317	1	2 female	24.00	1	0	26.0000	S	Cheap
## 318	0	2 male	54.00	0	0	14.0000	S	Cheap
## 319	1	1 female	31.00	0	2	164.8667	S	Expensive
## 320	1	1 female	40.00	1	1	134.5000	C	Expensive
## 321	0	3 male	22.00	0	0	7.2500	S	Cheap
## 322	0	3 male	27.00	0	0	7.8958	S	Cheap
## 323	1	2 female	30.00	0	0	12.3500	Q	Cheap
## 324	1	2 female	22.00	1	1	29.0000	S	Cheap
## 325	0	3 male	29.70	8	2	69.5500	S	Expensive
## 326	1	1 female	36.00	0	0	135.6333	C	Expensive
## 327	0	3 male	61.00	0	0	6.2375	S	Cheap
## 328	1	2 female	36.00	0	0	13.0000	S	Cheap
## 329	1	3 female	31.00	1	1	20.5250	S	Cheap

## 330	1	1 female	16.00	0	1	57.9792	C Expensive
## 331	1	3 female	29.70	2	0	23.2500	Q Cheap
## 332	0	1 male	45.50	0	0	28.5000	S Cheap
## 333	0	1 male	38.00	0	1	153.4625	S Expensive
## 334	0	3 male	16.00	2	0	18.0000	S Cheap
## 335	1	1 female	29.70	1	0	133.6500	S Expensive
## 336	0	3 male	29.70	0	0	7.8958	S Cheap
## 337	0	1 male	29.00	1	0	66.6000	S Expensive
## 338	1	1 female	41.00	0	0	134.5000	C Expensive
## 339	1	3 male	45.00	0	0	8.0500	S Cheap
## 340	0	1 male	45.00	0	0	35.5000	S Expensive
## 341	1	2 male	2.00	1	1	26.0000	S Cheap
## 342	1	1 female	24.00	3	2	263.0000	S Expensive
## 343	0	2 male	28.00	0	0	13.0000	S Cheap
## 344	0	2 male	25.00	0	0	13.0000	S Cheap
## 345	0	2 male	36.00	0	0	13.0000	S Cheap
## 346	1	2 female	24.00	0	0	13.0000	S Cheap
## 347	1	2 female	40.00	0	0	13.0000	S Cheap
## 348	1	3 female	29.70	1	0	16.1000	S Cheap
## 349	1	3 male	3.00	1	1	15.9000	S Cheap
## 350	0	3 male	42.00	0	0	8.6625	S Cheap
## 351	0	3 male	23.00	0	0	9.2250	S Cheap
## 352	0	1 male	29.70	0	0	35.0000	S Expensive
## 353	0	3 male	15.00	1	1	7.2292	C Cheap
## 354	0	3 male	25.00	1	0	17.8000	S Cheap
## 355	0	3 male	29.70	0	0	7.2250	C Cheap
## 356	0	3 male	28.00	0	0	9.5000	S Cheap
## 357	1	1 female	22.00	0	1	55.0000	S Expensive
## 358	0	2 female	38.00	0	0	13.0000	S Cheap
## 359	1	3 female	29.70	0	0	7.8792	Q Cheap
## 360	1	3 female	29.70	0	0	7.8792	Q Cheap
## 361	0	3 male	40.00	1	4	27.9000	S Cheap
## 362	0	2 male	29.00	1	0	27.7208	C Cheap
## 363	0	3 female	45.00	0	1	14.4542	C Cheap
## 364	0	3 male	35.00	0	0	7.0500	S Cheap
## 365	0	3 male	29.70	1	0	15.5000	Q Cheap
## 366	0	3 male	30.00	0	0	7.2500	S Cheap
## 367	1	1 female	60.00	1	0	75.2500	C Expensive
## 368	1	3 female	29.70	0	0	7.2292	C Cheap
## 369	1	3 female	29.70	0	0	7.7500	Q Cheap
## 370	1	1 female	24.00	0	0	69.3000	C Expensive
## 371	1	1 male	25.00	1	0	55.4417	C Expensive
## 372	0	3 male	18.00	1	0	6.4958	S Cheap
## 373	0	3 male	19.00	0	0	8.0500	S Cheap
## 374	0	1 male	22.00	0	0	135.6333	C Expensive
## 375	0	3 female	3.00	3	1	21.0750	S Cheap
## 376	1	1 female	29.70	1	0	82.1708	C Expensive
## 377	1	3 female	22.00	0	0	7.2500	S Cheap
## 378	0	1 male	27.00	0	2	211.5000	C Expensive
## 379	0	3 male	20.00	0	0	4.0125	C Cheap
## 380	0	3 male	19.00	0	0	7.7750	S Cheap
## 381	1	1 female	42.00	0	0	227.5250	C Expensive
## 382	1	3 female	1.00	0	2	15.7417	C Cheap
## 383	0	3 male	32.00	0	0	7.9250	S Cheap

## 384	1	1 female	35.00	1	0	52.0000	S Expensive
## 385	0	3 male	29.70	0	0	7.8958	S Cheap
## 386	0	2 male	18.00	0	0	73.5000	S Expensive
## 387	0	3 male	1.00	5	2	46.9000	S Expensive
## 388	1	2 female	36.00	0	0	13.0000	S Cheap
## 389	0	3 male	29.70	0	0	7.7292	Q Cheap
## 390	1	2 female	17.00	0	0	12.0000	C Cheap
## 391	1	1 male	36.00	1	2	120.0000	S Expensive
## 392	1	3 male	21.00	0	0	7.7958	S Cheap
## 393	0	3 male	28.00	2	0	7.9250	S Cheap
## 394	1	1 female	23.00	1	0	113.2750	C Expensive
## 395	1	3 female	24.00	0	2	16.7000	S Cheap
## 396	0	3 male	22.00	0	0	7.7958	S Cheap
## 397	0	3 female	31.00	0	0	7.8542	S Cheap
## 398	0	2 male	46.00	0	0	26.0000	S Cheap
## 399	0	2 male	23.00	0	0	10.5000	S Cheap
## 400	1	2 female	28.00	0	0	12.6500	S Cheap
## 401	1	3 male	39.00	0	0	7.9250	S Cheap
## 402	0	3 male	26.00	0	0	8.0500	S Cheap
## 403	0	3 female	21.00	1	0	9.8250	S Cheap
## 404	0	3 male	28.00	1	0	15.8500	S Cheap
## 405	0	3 female	20.00	0	0	8.6625	S Cheap
## 406	0	2 male	34.00	1	0	21.0000	S Cheap
## 407	0	3 male	51.00	0	0	7.7500	S Cheap
## 408	1	2 male	3.00	1	1	18.7500	S Cheap
## 409	0	3 male	21.00	0	0	7.7750	S Cheap
## 410	0	3 female	29.70	3	1	25.4667	S Cheap
## 411	0	3 male	29.70	0	0	7.8958	S Cheap
## 412	0	3 male	29.70	0	0	6.8583	Q Cheap
## 413	1	1 female	33.00	1	0	90.0000	Q Expensive
## 414	0	2 male	29.70	0	0	0.0000	S Cheap
## 415	1	3 male	44.00	0	0	7.9250	S Cheap
## 416	0	3 female	29.70	0	0	8.0500	S Cheap
## 417	1	2 female	34.00	1	1	32.5000	S Expensive
## 418	1	2 female	18.00	0	2	13.0000	S Cheap
## 419	0	2 male	30.00	0	0	13.0000	S Cheap
## 420	0	3 female	10.00	0	2	24.1500	S Cheap
## 421	0	3 male	29.70	0	0	7.8958	C Cheap
## 422	0	3 male	21.00	0	0	7.7333	Q Cheap
## 423	0	3 male	29.00	0	0	7.8750	S Cheap
## 424	0	3 female	28.00	1	1	14.4000	S Cheap
## 425	0	3 male	18.00	1	1	20.2125	S Cheap
## 426	0	3 male	29.70	0	0	7.2500	S Cheap
## 427	1	2 female	28.00	1	0	26.0000	S Cheap
## 428	1	2 female	19.00	0	0	26.0000	S Cheap
## 429	0	3 male	29.70	0	0	7.7500	Q Cheap
## 430	1	3 male	32.00	0	0	8.0500	S Cheap
## 431	1	1 male	28.00	0	0	26.5500	S Cheap
## 432	1	3 female	29.70	1	0	16.1000	S Cheap
## 433	1	2 female	42.00	1	0	26.0000	S Cheap
## 434	0	3 male	17.00	0	0	7.1250	S Cheap
## 435	0	1 male	50.00	1	0	55.9000	S Expensive
## 436	1	1 female	14.00	1	2	120.0000	S Expensive
## 437	0	3 female	21.00	2	2	34.3750	S Expensive

## 438	1	2 female	24.00	2	3	18.7500	S	Cheap
## 439	0	1 male	64.00	1	4	263.0000	S	Expensive
## 440	0	2 male	31.00	0	0	10.5000	S	Cheap
## 441	1	2 female	45.00	1	1	26.2500	S	Cheap
## 442	0	3 male	20.00	0	0	9.5000	S	Cheap
## 443	0	3 male	25.00	1	0	7.7750	S	Cheap
## 444	1	2 female	28.00	0	0	13.0000	S	Cheap
## 445	1	3 male	29.70	0	0	8.1125	S	Cheap
## 446	1	1 male	4.00	0	2	81.8583	S	Expensive
## 447	1	2 female	13.00	0	1	19.5000	S	Cheap
## 448	1	1 male	34.00	0	0	26.5500	S	Cheap
## 449	1	3 female	5.00	2	1	19.2583	C	Cheap
## 450	1	1 male	52.00	0	0	30.5000	S	Cheap
## 451	0	2 male	36.00	1	2	27.7500	S	Cheap
## 452	0	3 male	29.70	1	0	19.9667	S	Cheap
## 453	0	1 male	30.00	0	0	27.7500	C	Cheap
## 454	1	1 male	49.00	1	0	89.1042	C	Expensive
## 455	0	3 male	29.70	0	0	8.0500	S	Cheap
## 456	1	3 male	29.00	0	0	7.8958	C	Cheap
## 457	0	1 male	65.00	0	0	26.5500	S	Cheap
## 458	1	1 female	29.70	1	0	51.8625	S	Expensive
## 459	1	2 female	50.00	0	0	10.5000	S	Cheap
## 460	0	3 male	29.70	0	0	7.7500	Q	Cheap
## 461	1	1 male	48.00	0	0	26.5500	S	Cheap
## 462	0	3 male	34.00	0	0	8.0500	S	Cheap
## 463	0	1 male	47.00	0	0	38.5000	S	Expensive
## 464	0	2 male	48.00	0	0	13.0000	S	Cheap
## 465	0	3 male	29.70	0	0	8.0500	S	Cheap
## 466	0	3 male	38.00	0	0	7.0500	S	Cheap
## 467	0	2 male	29.70	0	0	0.0000	S	Cheap
## 468	0	1 male	56.00	0	0	26.5500	S	Cheap
## 469	0	3 male	29.70	0	0	7.7250	Q	Cheap
## 470	1	3 female	0.75	2	1	19.2583	C	Cheap
## 471	0	3 male	29.70	0	0	7.2500	S	Cheap
## 472	0	3 male	38.00	0	0	8.6625	S	Cheap
## 473	1	2 female	33.00	1	2	27.7500	S	Cheap
## 474	1	2 female	23.00	0	0	13.7917	C	Cheap
## 475	0	3 female	22.00	0	0	9.8375	S	Cheap
## 476	0	1 male	29.70	0	0	52.0000	S	Expensive
## 477	0	2 male	34.00	1	0	21.0000	S	Cheap
## 478	0	3 male	29.00	1	0	7.0458	S	Cheap
## 479	0	3 male	22.00	0	0	7.5208	S	Cheap
## 480	1	3 female	2.00	0	1	12.2875	S	Cheap
## 481	0	3 male	9.00	5	2	46.9000	S	Expensive
## 482	0	2 male	29.70	0	0	0.0000	S	Cheap
## 483	0	3 male	50.00	0	0	8.0500	S	Cheap
## 484	1	3 female	63.00	0	0	9.5875	S	Cheap
## 485	1	1 male	25.00	1	0	91.0792	C	Expensive
## 486	0	3 female	29.70	3	1	25.4667	S	Cheap
## 487	1	1 female	35.00	1	0	90.0000	S	Expensive
## 488	0	1 male	58.00	0	0	29.7000	C	Cheap
## 489	0	3 male	30.00	0	0	8.0500	S	Cheap
## 490	1	3 male	9.00	1	1	15.9000	S	Cheap
## 491	0	3 male	29.70	1	0	19.9667	S	Cheap

## 492	0	3	male	21.00	0	0	7.2500	S	Cheap
## 493	0	1	male	55.00	0	0	30.5000	S	Cheap
## 494	0	1	male	71.00	0	0	49.5042	C	Expensive
## 495	0	3	male	21.00	0	0	8.0500	S	Cheap
## 496	0	3	male	29.70	0	0	14.4583	C	Cheap
## 497	1	1	female	54.00	1	0	78.2667	C	Expensive
## 498	0	3	male	29.70	0	0	15.1000	S	Cheap
## 499	0	1	female	25.00	1	2	151.5500	S	Expensive
## 500	0	3	male	24.00	0	0	7.7958	S	Cheap
## 501	0	3	male	17.00	0	0	8.6625	S	Cheap
## 502	0	3	female	21.00	0	0	7.7500	Q	Cheap
## 503	0	3	female	29.70	0	0	7.6292	Q	Cheap
## 504	0	3	female	37.00	0	0	9.5875	S	Cheap
## 505	1	1	female	16.00	0	0	86.5000	S	Expensive
## 506	0	1	male	18.00	1	0	108.9000	C	Expensive
## 507	1	2	female	33.00	0	2	26.0000	S	Cheap
## 508	1	1	male	29.70	0	0	26.5500	S	Cheap
## 509	0	3	male	28.00	0	0	22.5250	S	Cheap
## 510	1	3	male	26.00	0	0	56.4958	S	Expensive
## 511	1	3	male	29.00	0	0	7.7500	Q	Cheap
## 512	0	3	male	29.70	0	0	8.0500	S	Cheap
## 513	1	1	male	36.00	0	0	26.2875	S	Cheap
## 514	1	1	female	54.00	1	0	59.4000	C	Expensive
## 515	0	3	male	24.00	0	0	7.4958	S	Cheap
## 516	0	1	male	47.00	0	0	34.0208	S	Expensive
## 517	1	2	female	34.00	0	0	10.5000	S	Cheap
## 518	0	3	male	29.70	0	0	24.1500	Q	Cheap
## 519	1	2	female	36.00	1	0	26.0000	S	Cheap
## 520	0	3	male	32.00	0	0	7.8958	S	Cheap
## 521	1	1	female	30.00	0	0	93.5000	S	Expensive
## 522	0	3	male	22.00	0	0	7.8958	S	Cheap
## 523	0	3	male	29.70	0	0	7.2250	C	Cheap
## 524	1	1	female	44.00	0	1	57.9792	C	Expensive
## 525	0	3	male	29.70	0	0	7.2292	C	Cheap
## 526	0	3	male	40.50	0	0	7.7500	Q	Cheap
## 527	1	2	female	50.00	0	0	10.5000	S	Cheap
## 528	0	1	male	29.70	0	0	221.7792	S	Expensive
## 529	0	3	male	39.00	0	0	7.9250	S	Cheap
## 530	0	2	male	23.00	2	1	11.5000	S	Cheap
## 531	1	2	female	2.00	1	1	26.0000	S	Cheap
## 532	0	3	male	29.70	0	0	7.2292	C	Cheap
## 533	0	3	male	17.00	1	1	7.2292	C	Cheap
## 534	1	3	female	29.70	0	2	22.3583	C	Cheap
## 535	0	3	female	30.00	0	0	8.6625	S	Cheap
## 536	1	2	female	7.00	0	2	26.2500	S	Cheap
## 537	0	1	male	45.00	0	0	26.5500	S	Cheap
## 538	1	1	female	30.00	0	0	106.4250	C	Expensive
## 539	0	3	male	29.70	0	0	14.5000	S	Cheap
## 540	1	1	female	22.00	0	2	49.5000	C	Expensive
## 541	1	1	female	36.00	0	2	71.0000	S	Expensive
## 542	0	3	female	9.00	4	2	31.2750	S	Cheap
## 543	0	3	female	11.00	4	2	31.2750	S	Cheap
## 544	1	2	male	32.00	1	0	26.0000	S	Cheap
## 545	0	1	male	50.00	1	0	106.4250	C	Expensive

## 546	0	1	male	64.00	0	0	26.0000	S	Cheap
## 547	1	2	female	19.00	1	0	26.0000	S	Cheap
## 548	1	2	male	29.70	0	0	13.8625	C	Cheap
## 549	0	3	male	33.00	1	1	20.5250	S	Cheap
## 550	1	2	male	8.00	1	1	36.7500	S	Expensive
## 551	1	1	male	17.00	0	2	110.8833	C	Expensive
## 552	0	2	male	27.00	0	0	26.0000	S	Cheap
## 553	0	3	male	29.70	0	0	7.8292	Q	Cheap
## 554	1	3	male	22.00	0	0	7.2250	C	Cheap
## 555	1	3	female	22.00	0	0	7.7750	S	Cheap
## 556	0	1	male	62.00	0	0	26.5500	S	Cheap
## 557	1	1	female	48.00	1	0	39.6000	C	Expensive
## 558	0	1	male	29.70	0	0	227.5250	C	Expensive
## 559	1	1	female	39.00	1	1	79.6500	S	Expensive
## 560	1	3	female	36.00	1	0	17.4000	S	Cheap
## 561	0	3	male	29.70	0	0	7.7500	Q	Cheap
## 562	0	3	male	40.00	0	0	7.8958	S	Cheap
## 563	0	2	male	28.00	0	0	13.5000	S	Cheap
## 564	0	3	male	29.70	0	0	8.0500	S	Cheap
## 565	0	3	female	29.70	0	0	8.0500	S	Cheap
## 566	0	3	male	24.00	2	0	24.1500	S	Cheap
## 567	0	3	male	19.00	0	0	7.8958	S	Cheap
## 568	0	3	female	29.00	0	4	21.0750	S	Cheap
## 569	0	3	male	29.70	0	0	7.2292	C	Cheap
## 570	1	3	male	32.00	0	0	7.8542	S	Cheap
## 571	1	2	male	62.00	0	0	10.5000	S	Cheap
## 572	1	1	female	53.00	2	0	51.4792	S	Expensive
## 573	1	1	male	36.00	0	0	26.3875	S	Cheap
## 574	1	3	female	29.70	0	0	7.7500	Q	Cheap
## 575	0	3	male	16.00	0	0	8.0500	S	Cheap
## 576	0	3	male	19.00	0	0	14.5000	S	Cheap
## 577	1	2	female	34.00	0	0	13.0000	S	Cheap
## 578	1	1	female	39.00	1	0	55.9000	S	Expensive
## 579	0	3	female	29.70	1	0	14.4583	C	Cheap
## 580	1	3	male	32.00	0	0	7.9250	S	Cheap
## 581	1	2	female	25.00	1	1	30.0000	S	Cheap
## 582	1	1	female	39.00	1	1	110.8833	C	Expensive
## 583	0	2	male	54.00	0	0	26.0000	S	Cheap
## 584	0	1	male	36.00	0	0	40.1250	C	Expensive
## 585	0	3	male	29.70	0	0	8.7125	C	Cheap
## 586	1	1	female	18.00	0	2	79.6500	S	Expensive
## 587	0	2	male	47.00	0	0	15.0000	S	Cheap
## 588	1	1	male	60.00	1	1	79.2000	C	Expensive
## 589	0	3	male	22.00	0	0	8.0500	S	Cheap
## 590	0	3	male	29.70	0	0	8.0500	S	Cheap
## 591	0	3	male	35.00	0	0	7.1250	S	Cheap
## 592	1	1	female	52.00	1	0	78.2667	C	Expensive
## 593	0	3	male	47.00	0	0	7.2500	S	Cheap
## 594	0	3	female	29.70	0	2	7.7500	Q	Cheap
## 595	0	2	male	37.00	1	0	26.0000	S	Cheap
## 596	0	3	male	36.00	1	1	24.1500	S	Cheap
## 597	1	2	female	29.70	0	0	33.0000	S	Expensive
## 598	0	3	male	49.00	0	0	0.0000	S	Cheap
## 599	0	3	male	29.70	0	0	7.2250	C	Cheap

## 600	1	1	male	49.00	1	0	56.9292	C	Expensive
## 601	1	2	female	24.00	2	1	27.0000	S	Cheap
## 602	0	3	male	29.70	0	0	7.8958	S	Cheap
## 603	0	1	male	29.70	0	0	42.4000	S	Expensive
## 604	0	3	male	44.00	0	0	8.0500	S	Cheap
## 605	1	1	male	35.00	0	0	26.5500	C	Cheap
## 606	0	3	male	36.00	1	0	15.5500	S	Cheap
## 607	0	3	male	30.00	0	0	7.8958	S	Cheap
## 608	1	1	male	27.00	0	0	30.5000	S	Cheap
## 609	1	2	female	22.00	1	2	41.5792	C	Expensive
## 610	1	1	female	40.00	0	0	153.4625	S	Expensive
## 611	0	3	female	39.00	1	5	31.2750	S	Cheap
## 612	0	3	male	29.70	0	0	7.0500	S	Cheap
## 613	1	3	female	29.70	1	0	15.5000	Q	Cheap
## 614	0	3	male	29.70	0	0	7.7500	Q	Cheap
## 615	0	3	male	35.00	0	0	8.0500	S	Cheap
## 616	1	2	female	24.00	1	2	65.0000	S	Expensive
## 617	0	3	male	34.00	1	1	14.4000	S	Cheap
## 618	0	3	female	26.00	1	0	16.1000	S	Cheap
## 619	1	2	female	4.00	2	1	39.0000	S	Expensive
## 620	0	2	male	26.00	0	0	10.5000	S	Cheap
## 621	0	3	male	27.00	1	0	14.4542	C	Cheap
## 622	1	1	male	42.00	1	0	52.5542	S	Expensive
## 623	1	3	male	20.00	1	1	15.7417	C	Cheap
## 624	0	3	male	21.00	0	0	7.8542	S	Cheap
## 625	0	3	male	21.00	0	0	16.1000	S	Cheap
## 626	0	1	male	61.00	0	0	32.3208	S	Expensive
## 627	0	2	male	57.00	0	0	12.3500	Q	Cheap
## 628	1	1	female	21.00	0	0	77.9583	S	Expensive
## 629	0	3	male	26.00	0	0	7.8958	S	Cheap
## 630	0	3	male	29.70	0	0	7.7333	Q	Cheap
## 631	1	1	male	80.00	0	0	30.0000	S	Cheap
## 632	0	3	male	51.00	0	0	7.0542	S	Cheap
## 633	1	1	male	32.00	0	0	30.5000	C	Cheap
## 634	0	1	male	29.70	0	0	0.0000	S	Cheap
## 635	0	3	female	9.00	3	2	27.9000	S	Cheap
## 636	1	2	female	28.00	0	0	13.0000	S	Cheap
## 637	0	3	male	32.00	0	0	7.9250	S	Cheap
## 638	0	2	male	31.00	1	1	26.2500	S	Cheap
## 639	0	3	female	41.00	0	5	39.6875	S	Expensive
## 640	0	3	male	29.70	1	0	16.1000	S	Cheap
## 641	0	3	male	20.00	0	0	7.8542	S	Cheap
## 642	1	1	female	24.00	0	0	69.3000	C	Expensive
## 643	0	3	female	2.00	3	2	27.9000	S	Cheap
## 644	1	3	male	29.70	0	0	56.4958	S	Expensive
## 645	1	3	female	0.75	2	1	19.2583	C	Cheap
## 646	1	1	male	48.00	1	0	76.7292	C	Expensive
## 647	0	3	male	19.00	0	0	7.8958	S	Cheap
## 648	1	1	male	56.00	0	0	35.5000	C	Expensive
## 649	0	3	male	29.70	0	0	7.5500	S	Cheap
## 650	1	3	female	23.00	0	0	7.5500	S	Cheap
## 651	0	3	male	29.70	0	0	7.8958	S	Cheap
## 652	1	2	female	18.00	0	1	23.0000	S	Cheap
## 653	0	3	male	21.00	0	0	8.4333	S	Cheap

## 654	1	3 female	29.70	0	0	7.8292	Q	Cheap
## 655	0	3 female	18.00	0	0	6.7500	Q	Cheap
## 656	0	2 male	24.00	2	0	73.5000	S	Expensive
## 657	0	3 male	29.70	0	0	7.8958	S	Cheap
## 658	0	3 female	32.00	1	1	15.5000	Q	Cheap
## 659	0	2 male	23.00	0	0	13.0000	S	Cheap
## 660	0	1 male	58.00	0	2	113.2750	C	Expensive
## 661	1	1 male	50.00	2	0	133.6500	S	Expensive
## 662	0	3 male	40.00	0	0	7.2250	C	Cheap
## 663	0	1 male	47.00	0	0	25.5875	S	Cheap
## 664	0	3 male	36.00	0	0	7.4958	S	Cheap
## 665	1	3 male	20.00	1	0	7.9250	S	Cheap
## 666	0	2 male	32.00	2	0	73.5000	S	Expensive
## 667	0	2 male	25.00	0	0	13.0000	S	Cheap
## 668	0	3 male	29.70	0	0	7.7750	S	Cheap
## 669	0	3 male	43.00	0	0	8.0500	S	Cheap
## 670	1	1 female	29.70	1	0	52.0000	S	Expensive
## 671	1	2 female	40.00	1	1	39.0000	S	Expensive
## 672	0	1 male	31.00	1	0	52.0000	S	Expensive
## 673	0	2 male	70.00	0	0	10.5000	S	Cheap
## 674	1	2 male	31.00	0	0	13.0000	S	Cheap
## 675	0	2 male	29.70	0	0	0.0000	S	Cheap
## 676	0	3 male	18.00	0	0	7.7750	S	Cheap
## 677	0	3 male	24.50	0	0	8.0500	S	Cheap
## 678	1	3 female	18.00	0	0	9.8417	S	Cheap
## 679	0	3 female	43.00	1	6	46.9000	S	Expensive
## 680	1	1 male	36.00	0	1	512.3292	C	Expensive
## 681	0	3 female	29.70	0	0	8.1375	Q	Cheap
## 682	1	1 male	27.00	0	0	76.7292	C	Expensive
## 683	0	3 male	20.00	0	0	9.2250	S	Cheap
## 684	0	3 male	14.00	5	2	46.9000	S	Expensive
## 685	0	2 male	60.00	1	1	39.0000	S	Expensive
## 686	0	2 male	25.00	1	2	41.5792	C	Expensive
## 687	0	3 male	14.00	4	1	39.6875	S	Expensive
## 688	0	3 male	19.00	0	0	10.1708	S	Cheap
## 689	0	3 male	18.00	0	0	7.7958	S	Cheap
## 690	1	1 female	15.00	0	1	211.3375	S	Expensive
## 691	1	1 male	31.00	1	0	57.0000	S	Expensive
## 692	1	3 female	4.00	0	1	13.4167	C	Cheap
## 693	1	3 male	29.70	0	0	56.4958	S	Expensive
## 694	0	3 male	25.00	0	0	7.2250	C	Cheap
## 695	0	1 male	60.00	0	0	26.5500	S	Cheap
## 696	0	2 male	52.00	0	0	13.5000	S	Cheap
## 697	0	3 male	44.00	0	0	8.0500	S	Cheap
## 698	1	3 female	29.70	0	0	7.7333	Q	Cheap
## 699	0	1 male	49.00	1	1	110.8833	C	Expensive
## 700	0	3 male	42.00	0	0	7.6500	S	Cheap
## 701	1	1 female	18.00	1	0	227.5250	C	Expensive
## 702	1	1 male	35.00	0	0	26.2875	S	Cheap
## 703	0	3 female	18.00	0	1	14.4542	C	Cheap
## 704	0	3 male	25.00	0	0	7.7417	Q	Cheap
## 705	0	3 male	26.00	1	0	7.8542	S	Cheap
## 706	0	2 male	39.00	0	0	26.0000	S	Cheap
## 707	1	2 female	45.00	0	0	13.5000	S	Cheap

## 708	1	1	male	42.00	0	0	26.2875	S	Cheap
## 709	1	1	female	22.00	0	0	151.5500	S	Expensive
## 710	1	3	male	29.70	1	1	15.2458	C	Cheap
## 711	1	1	female	24.00	0	0	49.5042	C	Expensive
## 712	0	1	male	29.70	0	0	26.5500	S	Cheap
## 713	1	1	male	48.00	1	0	52.0000	S	Expensive
## 714	0	3	male	29.00	0	0	9.4833	S	Cheap
## 715	0	2	male	52.00	0	0	13.0000	S	Cheap
## 716	0	3	male	19.00	0	0	7.6500	S	Cheap
## 717	1	1	female	38.00	0	0	227.5250	C	Expensive
## 718	1	2	female	27.00	0	0	10.5000	S	Cheap
## 719	0	3	male	29.70	0	0	15.5000	Q	Cheap
## 720	0	3	male	33.00	0	0	7.7750	S	Cheap
## 721	1	2	female	6.00	0	1	33.0000	S	Expensive
## 722	0	3	male	17.00	1	0	7.0542	S	Cheap
## 723	0	2	male	34.00	0	0	13.0000	S	Cheap
## 724	0	2	male	50.00	0	0	13.0000	S	Cheap
## 725	1	1	male	27.00	1	0	53.1000	S	Expensive
## 726	0	3	male	20.00	0	0	8.6625	S	Cheap
## 727	1	2	female	30.00	3	0	21.0000	S	Cheap
## 728	1	3	female	29.70	0	0	7.7375	Q	Cheap
## 729	0	2	male	25.00	1	0	26.0000	S	Cheap
## 730	0	3	female	25.00	1	0	7.9250	S	Cheap
## 731	1	1	female	29.00	0	0	211.3375	S	Expensive
## 732	0	3	male	11.00	0	0	18.7875	C	Cheap
## 733	0	2	male	29.70	0	0	0.0000	S	Cheap
## 734	0	2	male	23.00	0	0	13.0000	S	Cheap
## 735	0	2	male	23.00	0	0	13.0000	S	Cheap
## 736	0	3	male	28.50	0	0	16.1000	S	Cheap
## 737	0	3	female	48.00	1	3	34.3750	S	Expensive
## 738	1	1	male	35.00	0	0	512.3292	C	Expensive
## 739	0	3	male	29.70	0	0	7.8958	S	Cheap
## 740	0	3	male	29.70	0	0	7.8958	S	Cheap
## 741	1	1	male	29.70	0	0	30.0000	S	Cheap
## 742	0	1	male	36.00	1	0	78.8500	S	Expensive
## 743	1	1	female	21.00	2	2	262.3750	C	Expensive
## 744	0	3	male	24.00	1	0	16.1000	S	Cheap
## 745	1	3	male	31.00	0	0	7.9250	S	Cheap
## 746	0	1	male	70.00	1	1	71.0000	S	Expensive
## 747	0	3	male	16.00	1	1	20.2500	S	Cheap
## 748	1	2	female	30.00	0	0	13.0000	S	Cheap
## 749	0	1	male	19.00	1	0	53.1000	S	Expensive
## 750	0	3	male	31.00	0	0	7.7500	Q	Cheap
## 751	1	2	female	4.00	1	1	23.0000	S	Cheap
## 752	1	3	male	6.00	0	1	12.4750	S	Cheap
## 753	0	3	male	33.00	0	0	9.5000	S	Cheap
## 754	0	3	male	23.00	0	0	7.8958	S	Cheap
## 755	1	2	female	48.00	1	2	65.0000	S	Expensive
## 756	1	2	male	0.67	1	1	14.5000	S	Cheap
## 757	0	3	male	28.00	0	0	7.7958	S	Cheap
## 758	0	2	male	18.00	0	0	11.5000	S	Cheap
## 759	0	3	male	34.00	0	0	8.0500	S	Cheap
## 760	1	1	female	33.00	0	0	86.5000	S	Expensive
## 761	0	3	male	29.70	0	0	14.5000	S	Cheap

## 762	0	3	male	41.00	0	0	7.1250	S	Cheap
## 763	1	3	male	20.00	0	0	7.2292	C	Cheap
## 764	1	1	female	36.00	1	2	120.0000	S	Expensive
## 765	0	3	male	16.00	0	0	7.7750	S	Cheap
## 766	1	1	female	51.00	1	0	77.9583	S	Expensive
## 767	0	1	male	29.70	0	0	39.6000	C	Expensive
## 768	0	3	female	30.50	0	0	7.7500	Q	Cheap
## 769	0	3	male	29.70	1	0	24.1500	Q	Cheap
## 770	0	3	male	32.00	0	0	8.3625	S	Cheap
## 771	0	3	male	24.00	0	0	9.5000	S	Cheap
## 772	0	3	male	48.00	0	0	7.8542	S	Cheap
## 773	0	2	female	57.00	0	0	10.5000	S	Cheap
## 774	0	3	male	29.70	0	0	7.2250	C	Cheap
## 775	1	2	female	54.00	1	3	23.0000	S	Cheap
## 776	0	3	male	18.00	0	0	7.7500	S	Cheap
## 777	0	3	male	29.70	0	0	7.7500	Q	Cheap
## 778	1	3	female	5.00	0	0	12.4750	S	Cheap
## 779	0	3	male	29.70	0	0	7.7375	Q	Cheap
## 780	1	1	female	43.00	0	1	211.3375	S	Expensive
## 781	1	3	female	13.00	0	0	7.2292	C	Cheap
## 782	1	1	female	17.00	1	0	57.0000	S	Expensive
## 783	0	1	male	29.00	0	0	30.0000	S	Cheap
## 784	0	3	male	29.70	1	2	23.4500	S	Cheap
## 785	0	3	male	25.00	0	0	7.0500	S	Cheap
## 786	0	3	male	25.00	0	0	7.2500	S	Cheap
## 787	1	3	female	18.00	0	0	7.4958	S	Cheap
## 788	0	3	male	8.00	4	1	29.1250	Q	Cheap
## 789	1	3	male	1.00	1	2	20.5750	S	Cheap
## 790	0	1	male	46.00	0	0	79.2000	C	Expensive
## 791	0	3	male	29.70	0	0	7.7500	Q	Cheap
## 792	0	2	male	16.00	0	0	26.0000	S	Cheap
## 793	0	3	female	29.70	8	2	69.5500	S	Expensive
## 794	0	1	male	29.70	0	0	30.6958	C	Cheap
## 795	0	3	male	25.00	0	0	7.8958	S	Cheap
## 796	0	2	male	39.00	0	0	13.0000	S	Cheap
## 797	1	1	female	49.00	0	0	25.9292	S	Cheap
## 798	1	3	female	31.00	0	0	8.6833	S	Cheap
## 799	0	3	male	30.00	0	0	7.2292	C	Cheap
## 800	0	3	female	30.00	1	1	24.1500	S	Cheap
## 801	0	2	male	34.00	0	0	13.0000	S	Cheap
## 802	1	2	female	31.00	1	1	26.2500	S	Cheap
## 803	1	1	male	11.00	1	2	120.0000	S	Expensive
## 804	1	3	male	0.42	0	1	8.5167	C	Cheap
## 805	1	3	male	27.00	0	0	6.9750	S	Cheap
## 806	0	3	male	31.00	0	0	7.7750	S	Cheap
## 807	0	1	male	39.00	0	0	0.0000	S	Cheap
## 808	0	3	female	18.00	0	0	7.7750	S	Cheap
## 809	0	2	male	39.00	0	0	13.0000	S	Cheap
## 810	1	1	female	33.00	1	0	53.1000	S	Expensive
## 811	0	3	male	26.00	0	0	7.8875	S	Cheap
## 812	0	3	male	39.00	0	0	24.1500	S	Cheap
## 813	0	2	male	35.00	0	0	10.5000	S	Cheap
## 814	0	3	female	6.00	4	2	31.2750	S	Cheap
## 815	0	3	male	30.50	0	0	8.0500	S	Cheap

## 816	0	1	male	29.70	0	0	0.0000	S	Cheap
## 817	0	3	female	23.00	0	0	7.9250	S	Cheap
## 818	0	2	male	31.00	1	1	37.0042	C	Expensive
## 819	0	3	male	43.00	0	0	6.4500	S	Cheap
## 820	0	3	male	10.00	3	2	27.9000	S	Cheap
## 821	1	1	female	52.00	1	1	93.5000	S	Expensive
## 822	1	3	male	27.00	0	0	8.6625	S	Cheap
## 823	0	1	male	38.00	0	0	0.0000	S	Cheap
## 824	1	3	female	27.00	0	1	12.4750	S	Cheap
## 825	0	3	male	2.00	4	1	39.6875	S	Expensive
## 826	0	3	male	29.70	0	0	6.9500	Q	Cheap
## 827	0	3	male	29.70	0	0	56.4958	S	Expensive
## 828	1	2	male	1.00	0	2	37.0042	C	Expensive
## 829	1	3	male	29.70	0	0	7.7500	Q	Cheap
## 830	1	1	female	62.00	0	0	80.0000		Expensive
## 831	1	3	female	15.00	1	0	14.4542	C	Cheap
## 832	1	2	male	0.83	1	1	18.7500	S	Cheap
## 833	0	3	male	29.70	0	0	7.2292	C	Cheap
## 834	0	3	male	23.00	0	0	7.8542	S	Cheap
## 835	0	3	male	18.00	0	0	8.3000	S	Cheap
## 836	1	1	female	39.00	1	1	83.1583	C	Expensive
## 837	0	3	male	21.00	0	0	8.6625	S	Cheap
## 838	0	3	male	29.70	0	0	8.0500	S	Cheap
## 839	1	3	male	32.00	0	0	56.4958	S	Expensive
## 840	1	1	male	29.70	0	0	29.7000	C	Cheap
## 841	0	3	male	20.00	0	0	7.9250	S	Cheap
## 842	0	2	male	16.00	0	0	10.5000	S	Cheap
## 843	1	1	female	30.00	0	0	31.0000	C	Cheap
## 844	0	3	male	34.50	0	0	6.4375	C	Cheap
## 845	0	3	male	17.00	0	0	8.6625	S	Cheap
## 846	0	3	male	42.00	0	0	7.5500	S	Cheap
## 847	0	3	male	29.70	8	2	69.5500	S	Expensive
## 848	0	3	male	35.00	0	0	7.8958	C	Cheap
## 849	0	2	male	28.00	0	1	33.0000	S	Expensive
## 850	1	1	female	29.70	1	0	89.1042	C	Expensive
## 851	0	3	male	4.00	4	2	31.2750	S	Cheap
## 852	0	3	male	74.00	0	0	7.7750	S	Cheap
## 853	0	3	female	9.00	1	1	15.2458	C	Cheap
## 854	1	1	female	16.00	0	1	39.4000	S	Expensive
## 855	0	2	female	44.00	1	0	26.0000	S	Cheap
## 856	1	3	female	18.00	0	1	9.3500	S	Cheap
## 857	1	1	female	45.00	1	1	164.8667	S	Expensive
## 858	1	1	male	51.00	0	0	26.5500	S	Cheap
## 859	1	3	female	24.00	0	3	19.2583	C	Cheap
## 860	0	3	male	29.70	0	0	7.2292	C	Cheap
## 861	0	3	male	41.00	2	0	14.1083	S	Cheap
## 862	0	2	male	21.00	1	0	11.5000	S	Cheap
## 863	1	1	female	48.00	0	0	25.9292	S	Cheap
## 864	0	3	female	29.70	8	2	69.5500	S	Expensive
## 865	0	2	male	24.00	0	0	13.0000	S	Cheap
## 866	1	2	female	42.00	0	0	13.0000	S	Cheap
## 867	1	2	female	27.00	1	0	13.8583	C	Cheap
## 868	0	1	male	31.00	0	0	50.4958	S	Expensive
## 869	0	3	male	29.70	0	0	9.5000	S	Cheap

## 870	1	3	male	4.00	1	1	11.1333	S	Cheap
## 871	0	3	male	26.00	0	0	7.8958	S	Cheap
## 872	1	1	female	47.00	1	1	52.5542	S	Expensive
## 873	0	1	male	33.00	0	0	5.0000	S	Cheap
## 874	0	3	male	47.00	0	0	9.0000	S	Cheap
## 875	1	2	female	28.00	1	0	24.0000	C	Cheap
## 876	1	3	female	15.00	0	0	7.2250	C	Cheap
## 877	0	3	male	20.00	0	0	9.8458	S	Cheap
## 878	0	3	male	19.00	0	0	7.8958	S	Cheap
## 879	0	3	male	29.70	0	0	7.8958	S	Cheap
## 880	1	1	female	56.00	0	1	83.1583	C	Expensive
## 881	1	2	female	25.00	0	1	26.0000	S	Cheap
## 882	0	3	male	33.00	0	0	7.8958	S	Cheap
## 883	0	3	female	22.00	0	0	10.5167	S	Cheap
## 884	0	2	male	28.00	0	0	10.5000	S	Cheap
## 885	0	3	male	25.00	0	0	7.0500	S	Cheap
## 886	0	3	female	39.00	0	5	29.1250	Q	Cheap
## 887	0	2	male	27.00	0	0	13.0000	S	Cheap
## 888	1	1	female	19.00	0	0	30.0000	S	Cheap
## 889	0	3	female	29.70	1	2	23.4500	S	Cheap
## 890	1	1	male	26.00	0	0	30.0000	C	Cheap
## 891	0	3	male	32.00	0	0	7.7500	Q	Cheap

22 Add categorical variable named cage that takes value 0 for age 0-10, 1 for age 10-20, 2 for age 20-30, and so on

```
cage = d$Age
cage[d$Age >=0] <- "0"
cage[d$Age >10] <- "1"
cage[d$Age >20] <- "2"
cage[d$Age >30] <- "3"
cage[d$Age >40] <- "4"
cage[d$Age >50] <- "5"
cage[d$Age >60] <- "6"
cage[d$Age >70] <- "7"
cage[d$Age >80] <- "8"

cbind(d, cage)
```

##	Survived	Pclass	Sex	Age	SibSp	Parch	Fare	Embarked	cage
## 1	0	3	male	22.00	1	0	7.2500	S	2
## 2	1	1	female	38.00	1	0	71.2833	C	3
## 3	1	3	female	26.00	0	0	7.9250	S	2
## 4	1	1	female	35.00	1	0	53.1000	S	3
## 5	0	3	male	35.00	0	0	8.0500	S	3
## 6	0	3	male	29.70	0	0	8.4583	Q	2
## 7	0	1	male	54.00	0	0	51.8625	S	5
## 8	0	3	male	2.00	3	1	21.0750	S	0
## 9	1	3	female	27.00	0	2	11.1333	S	2
## 10	1	2	female	14.00	1	0	30.0708	C	1
## 11	1	3	female	4.00	1	1	16.7000	S	0
## 12	1	1	female	58.00	0	0	26.5500	S	5

## 13	0	3	male	20.00	0	0	8.0500	S	1
## 14	0	3	male	39.00	1	5	31.2750	S	3
## 15	0	3	female	14.00	0	0	7.8542	S	1
## 16	1	2	female	55.00	0	0	16.0000	S	5
## 17	0	3	male	2.00	4	1	29.1250	Q	0
## 18	1	2	male	29.70	0	0	13.0000	S	2
## 19	0	3	female	31.00	1	0	18.0000	S	3
## 20	1	3	female	29.70	0	0	7.2250	C	2
## 21	0	2	male	35.00	0	0	26.0000	S	3
## 22	1	2	male	34.00	0	0	13.0000	S	3
## 23	1	3	female	15.00	0	0	8.0292	Q	1
## 24	1	1	male	28.00	0	0	35.5000	S	2
## 25	0	3	female	8.00	3	1	21.0750	S	0
## 26	1	3	female	38.00	1	5	31.3875	S	3
## 27	0	3	male	29.70	0	0	7.2250	C	2
## 28	0	1	male	19.00	3	2	263.0000	S	1
## 29	1	3	female	29.70	0	0	7.8792	Q	2
## 30	0	3	male	29.70	0	0	7.8958	S	2
## 31	0	1	male	40.00	0	0	27.7208	C	3
## 32	1	1	female	29.70	1	0	146.5208	C	2
## 33	1	3	female	29.70	0	0	7.7500	Q	2
## 34	0	2	male	66.00	0	0	10.5000	S	6
## 35	0	1	male	28.00	1	0	82.1708	C	2
## 36	0	1	male	42.00	1	0	52.0000	S	4
## 37	1	3	male	29.70	0	0	7.2292	C	2
## 38	0	3	male	21.00	0	0	8.0500	S	2
## 39	0	3	female	18.00	2	0	18.0000	S	1
## 40	1	3	female	14.00	1	0	11.2417	C	1
## 41	0	3	female	40.00	1	0	9.4750	S	3
## 42	0	2	female	27.00	1	0	21.0000	S	2
## 43	0	3	male	29.70	0	0	7.8958	C	2
## 44	1	2	female	3.00	1	2	41.5792	C	0
## 45	1	3	female	19.00	0	0	7.8792	Q	1
## 46	0	3	male	29.70	0	0	8.0500	S	2
## 47	0	3	male	29.70	1	0	15.5000	Q	2
## 48	1	3	female	29.70	0	0	7.7500	Q	2
## 49	0	3	male	29.70	2	0	21.6792	C	2
## 50	0	3	female	18.00	1	0	17.8000	S	1
## 51	0	3	male	7.00	4	1	39.6875	S	0
## 52	0	3	male	21.00	0	0	7.8000	S	2
## 53	1	1	female	49.00	1	0	76.7292	C	4
## 54	1	2	female	29.00	1	0	26.0000	S	2
## 55	0	1	male	65.00	0	1	61.9792	C	6
## 56	1	1	male	29.70	0	0	35.5000	S	2
## 57	1	2	female	21.00	0	0	10.5000	S	2
## 58	0	3	male	28.50	0	0	7.2292	C	2
## 59	1	2	female	5.00	1	2	27.7500	S	0
## 60	0	3	male	11.00	5	2	46.9000	S	1
## 61	0	3	male	22.00	0	0	7.2292	C	2
## 62	1	1	female	38.00	0	0	80.0000		3
## 63	0	1	male	45.00	1	0	83.4750	S	4
## 64	0	3	male	4.00	3	2	27.9000	S	0
## 65	0	1	male	29.70	0	0	27.7208	C	2
## 66	1	3	male	29.70	1	1	15.2458	C	2

## 67	1	2 female	29.00	0	0	10.5000	S	2
## 68	0	3 male	19.00	0	0	8.1583	S	1
## 69	1	3 female	17.00	4	2	7.9250	S	1
## 70	0	3 male	26.00	2	0	8.6625	S	2
## 71	0	2 male	32.00	0	0	10.5000	S	3
## 72	0	3 female	16.00	5	2	46.9000	S	1
## 73	0	2 male	21.00	0	0	73.5000	S	2
## 74	0	3 male	26.00	1	0	14.4542	C	2
## 75	1	3 male	32.00	0	0	56.4958	S	3
## 76	0	3 male	25.00	0	0	7.6500	S	2
## 77	0	3 male	29.70	0	0	7.8958	S	2
## 78	0	3 male	29.70	0	0	8.0500	S	2
## 79	1	2 male	0.83	0	2	29.0000	S	0
## 80	1	3 female	30.00	0	0	12.4750	S	2
## 81	0	3 male	22.00	0	0	9.0000	S	2
## 82	1	3 male	29.00	0	0	9.5000	S	2
## 83	1	3 female	29.70	0	0	7.7875	Q	2
## 84	0	1 male	28.00	0	0	47.1000	S	2
## 85	1	2 female	17.00	0	0	10.5000	S	1
## 86	1	3 female	33.00	3	0	15.8500	S	3
## 87	0	3 male	16.00	1	3	34.3750	S	1
## 88	0	3 male	29.70	0	0	8.0500	S	2
## 89	1	1 female	23.00	3	2	263.0000	S	2
## 90	0	3 male	24.00	0	0	8.0500	S	2
## 91	0	3 male	29.00	0	0	8.0500	S	2
## 92	0	3 male	20.00	0	0	7.8542	S	1
## 93	0	1 male	46.00	1	0	61.1750	S	4
## 94	0	3 male	26.00	1	2	20.5750	S	2
## 95	0	3 male	59.00	0	0	7.2500	S	5
## 96	0	3 male	29.70	0	0	8.0500	S	2
## 97	0	1 male	71.00	0	0	34.6542	C	7
## 98	1	1 male	23.00	0	1	63.3583	C	2
## 99	1	2 female	34.00	0	1	23.0000	S	3
## 100	0	2 male	34.00	1	0	26.0000	S	3
## 101	0	3 female	28.00	0	0	7.8958	S	2
## 102	0	3 male	29.70	0	0	7.8958	S	2
## 103	0	1 male	21.00	0	1	77.2875	S	2
## 104	0	3 male	33.00	0	0	8.6542	S	3
## 105	0	3 male	37.00	2	0	7.9250	S	3
## 106	0	3 male	28.00	0	0	7.8958	S	2
## 107	1	3 female	21.00	0	0	7.6500	S	2
## 108	1	3 male	29.70	0	0	7.7750	S	2
## 109	0	3 male	38.00	0	0	7.8958	S	3
## 110	1	3 female	29.70	1	0	24.1500	Q	2
## 111	0	1 male	47.00	0	0	52.0000	S	4
## 112	0	3 female	14.50	1	0	14.4542	C	1
## 113	0	3 male	22.00	0	0	8.0500	S	2
## 114	0	3 female	20.00	1	0	9.8250	S	1
## 115	0	3 female	17.00	0	0	14.4583	C	1
## 116	0	3 male	21.00	0	0	7.9250	S	2
## 117	0	3 male	70.50	0	0	7.7500	Q	7
## 118	0	2 male	29.00	1	0	21.0000	S	2
## 119	0	1 male	24.00	0	1	247.5208	C	2
## 120	0	3 female	2.00	4	2	31.2750	S	0

## 121	0	2	male	21.00	2	0	73.5000	S	2
## 122	0	3	male	29.70	0	0	8.0500	S	2
## 123	0	2	male	32.50	1	0	30.0708	C	3
## 124	1	2	female	32.50	0	0	13.0000	S	3
## 125	0	1	male	54.00	0	1	77.2875	S	5
## 126	1	3	male	12.00	1	0	11.2417	C	1
## 127	0	3	male	29.70	0	0	7.7500	Q	2
## 128	1	3	male	24.00	0	0	7.1417	S	2
## 129	1	3	female	29.70	1	1	22.3583	C	2
## 130	0	3	male	45.00	0	0	6.9750	S	4
## 131	0	3	male	33.00	0	0	7.8958	C	3
## 132	0	3	male	20.00	0	0	7.0500	S	1
## 133	0	3	female	47.00	1	0	14.5000	S	4
## 134	1	2	female	29.00	1	0	26.0000	S	2
## 135	0	2	male	25.00	0	0	13.0000	S	2
## 136	0	2	male	23.00	0	0	15.0458	C	2
## 137	1	1	female	19.00	0	2	26.2833	S	1
## 138	0	1	male	37.00	1	0	53.1000	S	3
## 139	0	3	male	16.00	0	0	9.2167	S	1
## 140	0	1	male	24.00	0	0	79.2000	C	2
## 141	0	3	female	29.70	0	2	15.2458	C	2
## 142	1	3	female	22.00	0	0	7.7500	S	2
## 143	1	3	female	24.00	1	0	15.8500	S	2
## 144	0	3	male	19.00	0	0	6.7500	Q	1
## 145	0	2	male	18.00	0	0	11.5000	S	1
## 146	0	2	male	19.00	1	1	36.7500	S	1
## 147	1	3	male	27.00	0	0	7.7958	S	2
## 148	0	3	female	9.00	2	2	34.3750	S	0
## 149	0	2	male	36.50	0	2	26.0000	S	3
## 150	0	2	male	42.00	0	0	13.0000	S	4
## 151	0	2	male	51.00	0	0	12.5250	S	5
## 152	1	1	female	22.00	1	0	66.6000	S	2
## 153	0	3	male	55.50	0	0	8.0500	S	5
## 154	0	3	male	40.50	0	2	14.5000	S	4
## 155	0	3	male	29.70	0	0	7.3125	S	2
## 156	0	1	male	51.00	0	1	61.3792	C	5
## 157	1	3	female	16.00	0	0	7.7333	Q	1
## 158	0	3	male	30.00	0	0	8.0500	S	2
## 159	0	3	male	29.70	0	0	8.6625	S	2
## 160	0	3	male	29.70	8	2	69.5500	S	2
## 161	0	3	male	44.00	0	1	16.1000	S	4
## 162	1	2	female	40.00	0	0	15.7500	S	3
## 163	0	3	male	26.00	0	0	7.7750	S	2
## 164	0	3	male	17.00	0	0	8.6625	S	1
## 165	0	3	male	1.00	4	1	39.6875	S	0
## 166	1	3	male	9.00	0	2	20.5250	S	0
## 167	1	1	female	29.70	0	1	55.0000	S	2
## 168	0	3	female	45.00	1	4	27.9000	S	4
## 169	0	1	male	29.70	0	0	25.9250	S	2
## 170	0	3	male	28.00	0	0	56.4958	S	2
## 171	0	1	male	61.00	0	0	33.5000	S	6
## 172	0	3	male	4.00	4	1	29.1250	Q	0
## 173	1	3	female	1.00	1	1	11.1333	S	0
## 174	0	3	male	21.00	0	0	7.9250	S	2

## 175	0	1	male	56.00	0	0	30.6958	C	5
## 176	0	3	male	18.00	1	1	7.8542	S	1
## 177	0	3	male	29.70	3	1	25.4667	S	2
## 178	0	1	female	50.00	0	0	28.7125	C	4
## 179	0	2	male	30.00	0	0	13.0000	S	2
## 180	0	3	male	36.00	0	0	0.0000	S	3
## 181	0	3	female	29.70	8	2	69.5500	S	2
## 182	0	2	male	29.70	0	0	15.0500	C	2
## 183	0	3	male	9.00	4	2	31.3875	S	0
## 184	1	2	male	1.00	2	1	39.0000	S	0
## 185	1	3	female	4.00	0	2	22.0250	S	0
## 186	0	1	male	29.70	0	0	50.0000	S	2
## 187	1	3	female	29.70	1	0	15.5000	Q	2
## 188	1	1	male	45.00	0	0	26.5500	S	4
## 189	0	3	male	40.00	1	1	15.5000	Q	3
## 190	0	3	male	36.00	0	0	7.8958	S	3
## 191	1	2	female	32.00	0	0	13.0000	S	3
## 192	0	2	male	19.00	0	0	13.0000	S	1
## 193	1	3	female	19.00	1	0	7.8542	S	1
## 194	1	2	male	3.00	1	1	26.0000	S	0
## 195	1	1	female	44.00	0	0	27.7208	C	4
## 196	1	1	female	58.00	0	0	146.5208	C	5
## 197	0	3	male	29.70	0	0	7.7500	Q	2
## 198	0	3	male	42.00	0	1	8.4042	S	4
## 199	1	3	female	29.70	0	0	7.7500	Q	2
## 200	0	2	female	24.00	0	0	13.0000	S	2
## 201	0	3	male	28.00	0	0	9.5000	S	2
## 202	0	3	male	29.70	8	2	69.5500	S	2
## 203	0	3	male	34.00	0	0	6.4958	S	3
## 204	0	3	male	45.50	0	0	7.2250	C	4
## 205	1	3	male	18.00	0	0	8.0500	S	1
## 206	0	3	female	2.00	0	1	10.4625	S	0
## 207	0	3	male	32.00	1	0	15.8500	S	3
## 208	1	3	male	26.00	0	0	18.7875	C	2
## 209	1	3	female	16.00	0	0	7.7500	Q	1
## 210	1	1	male	40.00	0	0	31.0000	C	3
## 211	0	3	male	24.00	0	0	7.0500	S	2
## 212	1	2	female	35.00	0	0	21.0000	S	3
## 213	0	3	male	22.00	0	0	7.2500	S	2
## 214	0	2	male	30.00	0	0	13.0000	S	2
## 215	0	3	male	29.70	1	0	7.7500	Q	2
## 216	1	1	female	31.00	1	0	113.2750	C	3
## 217	1	3	female	27.00	0	0	7.9250	S	2
## 218	0	2	male	42.00	1	0	27.0000	S	4
## 219	1	1	female	32.00	0	0	76.2917	C	3
## 220	0	2	male	30.00	0	0	10.5000	S	2
## 221	1	3	male	16.00	0	0	8.0500	S	1
## 222	0	2	male	27.00	0	0	13.0000	S	2
## 223	0	3	male	51.00	0	0	8.0500	S	5
## 224	0	3	male	29.70	0	0	7.8958	S	2
## 225	1	1	male	38.00	1	0	90.0000	S	3
## 226	0	3	male	22.00	0	0	9.3500	S	2
## 227	1	2	male	19.00	0	0	10.5000	S	1
## 228	0	3	male	20.50	0	0	7.2500	S	2

## 229	0	2	male	18.00	0	0	13.0000	S	1
## 230	0	3	female	29.70	3	1	25.4667	S	2
## 231	1	1	female	35.00	1	0	83.4750	S	3
## 232	0	3	male	29.00	0	0	7.7750	S	2
## 233	0	2	male	59.00	0	0	13.5000	S	5
## 234	1	3	female	5.00	4	2	31.3875	S	0
## 235	0	2	male	24.00	0	0	10.5000	S	2
## 236	0	3	female	29.70	0	0	7.5500	S	2
## 237	0	2	male	44.00	1	0	26.0000	S	4
## 238	1	2	female	8.00	0	2	26.2500	S	0
## 239	0	2	male	19.00	0	0	10.5000	S	1
## 240	0	2	male	33.00	0	0	12.2750	S	3
## 241	0	3	female	29.70	1	0	14.4542	C	2
## 242	1	3	female	29.70	1	0	15.5000	Q	2
## 243	0	2	male	29.00	0	0	10.5000	S	2
## 244	0	3	male	22.00	0	0	7.1250	S	2
## 245	0	3	male	30.00	0	0	7.2250	C	2
## 246	0	1	male	44.00	2	0	90.0000	Q	4
## 247	0	3	female	25.00	0	0	7.7750	S	2
## 248	1	2	female	24.00	0	2	14.5000	S	2
## 249	1	1	male	37.00	1	1	52.5542	S	3
## 250	0	2	male	54.00	1	0	26.0000	S	5
## 251	0	3	male	29.70	0	0	7.2500	S	2
## 252	0	3	female	29.00	1	1	10.4625	S	2
## 253	0	1	male	62.00	0	0	26.5500	S	6
## 254	0	3	male	30.00	1	0	16.1000	S	2
## 255	0	3	female	41.00	0	2	20.2125	S	4
## 256	1	3	female	29.00	0	2	15.2458	C	2
## 257	1	1	female	29.70	0	0	79.2000	C	2
## 258	1	1	female	30.00	0	0	86.5000	S	2
## 259	1	1	female	35.00	0	0	512.3292	C	3
## 260	1	2	female	50.00	0	1	26.0000	S	4
## 261	0	3	male	29.70	0	0	7.7500	Q	2
## 262	1	3	male	3.00	4	2	31.3875	S	0
## 263	0	1	male	52.00	1	1	79.6500	S	5
## 264	0	1	male	40.00	0	0	0.0000	S	3
## 265	0	3	female	29.70	0	0	7.7500	Q	2
## 266	0	2	male	36.00	0	0	10.5000	S	3
## 267	0	3	male	16.00	4	1	39.6875	S	1
## 268	1	3	male	25.00	1	0	7.7750	S	2
## 269	1	1	female	58.00	0	1	153.4625	S	5
## 270	1	1	female	35.00	0	0	135.6333	S	3
## 271	0	1	male	29.70	0	0	31.0000	S	2
## 272	1	3	male	25.00	0	0	0.0000	S	2
## 273	1	2	female	41.00	0	1	19.5000	S	4
## 274	0	1	male	37.00	0	1	29.7000	C	3
## 275	1	3	female	29.70	0	0	7.7500	Q	2
## 276	1	1	female	63.00	1	0	77.9583	S	6
## 277	0	3	female	45.00	0	0	7.7500	S	4
## 278	0	2	male	29.70	0	0	0.0000	S	2
## 279	0	3	male	7.00	4	1	29.1250	Q	0
## 280	1	3	female	35.00	1	1	20.2500	S	3
## 281	0	3	male	65.00	0	0	7.7500	Q	6
## 282	0	3	male	28.00	0	0	7.8542	S	2

## 283	0	3	male	16.00	0	0	9.5000	S	1
## 284	1	3	male	19.00	0	0	8.0500	S	1
## 285	0	1	male	29.70	0	0	26.0000	S	2
## 286	0	3	male	33.00	0	0	8.6625	C	3
## 287	1	3	male	30.00	0	0	9.5000	S	2
## 288	0	3	male	22.00	0	0	7.8958	S	2
## 289	1	2	male	42.00	0	0	13.0000	S	4
## 290	1	3	female	22.00	0	0	7.7500	Q	2
## 291	1	1	female	26.00	0	0	78.8500	S	2
## 292	1	1	female	19.00	1	0	91.0792	C	1
## 293	0	2	male	36.00	0	0	12.8750	C	3
## 294	0	3	female	24.00	0	0	8.8500	S	2
## 295	0	3	male	24.00	0	0	7.8958	S	2
## 296	0	1	male	29.70	0	0	27.7208	C	2
## 297	0	3	male	23.50	0	0	7.2292	C	2
## 298	0	1	female	2.00	1	2	151.5500	S	0
## 299	1	1	male	29.70	0	0	30.5000	S	2
## 300	1	1	female	50.00	0	1	247.5208	C	4
## 301	1	3	female	29.70	0	0	7.7500	Q	2
## 302	1	3	male	29.70	2	0	23.2500	Q	2
## 303	0	3	male	19.00	0	0	0.0000	S	1
## 304	1	2	female	29.70	0	0	12.3500	Q	2
## 305	0	3	male	29.70	0	0	8.0500	S	2
## 306	1	1	male	0.92	1	2	151.5500	S	0
## 307	1	1	female	29.70	0	0	110.8833	C	2
## 308	1	1	female	17.00	1	0	108.9000	C	1
## 309	0	2	male	30.00	1	0	24.0000	C	2
## 310	1	1	female	30.00	0	0	56.9292	C	2
## 311	1	1	female	24.00	0	0	83.1583	C	2
## 312	1	1	female	18.00	2	2	262.3750	C	1
## 313	0	2	female	26.00	1	1	26.0000	S	2
## 314	0	3	male	28.00	0	0	7.8958	S	2
## 315	0	2	male	43.00	1	1	26.2500	S	4
## 316	1	3	female	26.00	0	0	7.8542	S	2
## 317	1	2	female	24.00	1	0	26.0000	S	2
## 318	0	2	male	54.00	0	0	14.0000	S	5
## 319	1	1	female	31.00	0	2	164.8667	S	3
## 320	1	1	female	40.00	1	1	134.5000	C	3
## 321	0	3	male	22.00	0	0	7.2500	S	2
## 322	0	3	male	27.00	0	0	7.8958	S	2
## 323	1	2	female	30.00	0	0	12.3500	Q	2
## 324	1	2	female	22.00	1	1	29.0000	S	2
## 325	0	3	male	29.70	8	2	69.5500	S	2
## 326	1	1	female	36.00	0	0	135.6333	C	3
## 327	0	3	male	61.00	0	0	6.2375	S	6
## 328	1	2	female	36.00	0	0	13.0000	S	3
## 329	1	3	female	31.00	1	1	20.5250	S	3
## 330	1	1	female	16.00	0	1	57.9792	C	1
## 331	1	3	female	29.70	2	0	23.2500	Q	2
## 332	0	1	male	45.50	0	0	28.5000	S	4
## 333	0	1	male	38.00	0	1	153.4625	S	3
## 334	0	3	male	16.00	2	0	18.0000	S	1
## 335	1	1	female	29.70	1	0	133.6500	S	2
## 336	0	3	male	29.70	0	0	7.8958	S	2

## 337	0	1	male	29.00	1	0	66.6000	S	2
## 338	1	1	female	41.00	0	0	134.5000	C	4
## 339	1	3	male	45.00	0	0	8.0500	S	4
## 340	0	1	male	45.00	0	0	35.5000	S	4
## 341	1	2	male	2.00	1	1	26.0000	S	0
## 342	1	1	female	24.00	3	2	263.0000	S	2
## 343	0	2	male	28.00	0	0	13.0000	S	2
## 344	0	2	male	25.00	0	0	13.0000	S	2
## 345	0	2	male	36.00	0	0	13.0000	S	3
## 346	1	2	female	24.00	0	0	13.0000	S	2
## 347	1	2	female	40.00	0	0	13.0000	S	3
## 348	1	3	female	29.70	1	0	16.1000	S	2
## 349	1	3	male	3.00	1	1	15.9000	S	0
## 350	0	3	male	42.00	0	0	8.6625	S	4
## 351	0	3	male	23.00	0	0	9.2250	S	2
## 352	0	1	male	29.70	0	0	35.0000	S	2
## 353	0	3	male	15.00	1	1	7.2292	C	1
## 354	0	3	male	25.00	1	0	17.8000	S	2
## 355	0	3	male	29.70	0	0	7.2250	C	2
## 356	0	3	male	28.00	0	0	9.5000	S	2
## 357	1	1	female	22.00	0	1	55.0000	S	2
## 358	0	2	female	38.00	0	0	13.0000	S	3
## 359	1	3	female	29.70	0	0	7.8792	Q	2
## 360	1	3	female	29.70	0	0	7.8792	Q	2
## 361	0	3	male	40.00	1	4	27.9000	S	3
## 362	0	2	male	29.00	1	0	27.7208	C	2
## 363	0	3	female	45.00	0	1	14.4542	C	4
## 364	0	3	male	35.00	0	0	7.0500	S	3
## 365	0	3	male	29.70	1	0	15.5000	Q	2
## 366	0	3	male	30.00	0	0	7.2500	S	2
## 367	1	1	female	60.00	1	0	75.2500	C	5
## 368	1	3	female	29.70	0	0	7.2292	C	2
## 369	1	3	female	29.70	0	0	7.7500	Q	2
## 370	1	1	female	24.00	0	0	69.3000	C	2
## 371	1	1	male	25.00	1	0	55.4417	C	2
## 372	0	3	male	18.00	1	0	6.4958	S	1
## 373	0	3	male	19.00	0	0	8.0500	S	1
## 374	0	1	male	22.00	0	0	135.6333	C	2
## 375	0	3	female	3.00	3	1	21.0750	S	0
## 376	1	1	female	29.70	1	0	82.1708	C	2
## 377	1	3	female	22.00	0	0	7.2500	S	2
## 378	0	1	male	27.00	0	2	211.5000	C	2
## 379	0	3	male	20.00	0	0	4.0125	C	1
## 380	0	3	male	19.00	0	0	7.7750	S	1
## 381	1	1	female	42.00	0	0	227.5250	C	4
## 382	1	3	female	1.00	0	2	15.7417	C	0
## 383	0	3	male	32.00	0	0	7.9250	S	3
## 384	1	1	female	35.00	1	0	52.0000	S	3
## 385	0	3	male	29.70	0	0	7.8958	S	2
## 386	0	2	male	18.00	0	0	73.5000	S	1
## 387	0	3	male	1.00	5	2	46.9000	S	0
## 388	1	2	female	36.00	0	0	13.0000	S	3
## 389	0	3	male	29.70	0	0	7.7292	Q	2
## 390	1	2	female	17.00	0	0	12.0000	C	1

## 391	1	1	male	36.00	1	2	120.0000	S	3
## 392	1	3	male	21.00	0	0	7.7958	S	2
## 393	0	3	male	28.00	2	0	7.9250	S	2
## 394	1	1	female	23.00	1	0	113.2750	C	2
## 395	1	3	female	24.00	0	2	16.7000	S	2
## 396	0	3	male	22.00	0	0	7.7958	S	2
## 397	0	3	female	31.00	0	0	7.8542	S	3
## 398	0	2	male	46.00	0	0	26.0000	S	4
## 399	0	2	male	23.00	0	0	10.5000	S	2
## 400	1	2	female	28.00	0	0	12.6500	S	2
## 401	1	3	male	39.00	0	0	7.9250	S	3
## 402	0	3	male	26.00	0	0	8.0500	S	2
## 403	0	3	female	21.00	1	0	9.8250	S	2
## 404	0	3	male	28.00	1	0	15.8500	S	2
## 405	0	3	female	20.00	0	0	8.6625	S	1
## 406	0	2	male	34.00	1	0	21.0000	S	3
## 407	0	3	male	51.00	0	0	7.7500	S	5
## 408	1	2	male	3.00	1	1	18.7500	S	0
## 409	0	3	male	21.00	0	0	7.7750	S	2
## 410	0	3	female	29.70	3	1	25.4667	S	2
## 411	0	3	male	29.70	0	0	7.8958	S	2
## 412	0	3	male	29.70	0	0	6.8583	Q	2
## 413	1	1	female	33.00	1	0	90.0000	Q	3
## 414	0	2	male	29.70	0	0	0.0000	S	2
## 415	1	3	male	44.00	0	0	7.9250	S	4
## 416	0	3	female	29.70	0	0	8.0500	S	2
## 417	1	2	female	34.00	1	1	32.5000	S	3
## 418	1	2	female	18.00	0	2	13.0000	S	1
## 419	0	2	male	30.00	0	0	13.0000	S	2
## 420	0	3	female	10.00	0	2	24.1500	S	0
## 421	0	3	male	29.70	0	0	7.8958	C	2
## 422	0	3	male	21.00	0	0	7.7333	Q	2
## 423	0	3	male	29.00	0	0	7.8750	S	2
## 424	0	3	female	28.00	1	1	14.4000	S	2
## 425	0	3	male	18.00	1	1	20.2125	S	1
## 426	0	3	male	29.70	0	0	7.2500	S	2
## 427	1	2	female	28.00	1	0	26.0000	S	2
## 428	1	2	female	19.00	0	0	26.0000	S	1
## 429	0	3	male	29.70	0	0	7.7500	Q	2
## 430	1	3	male	32.00	0	0	8.0500	S	3
## 431	1	1	male	28.00	0	0	26.5500	S	2
## 432	1	3	female	29.70	1	0	16.1000	S	2
## 433	1	2	female	42.00	1	0	26.0000	S	4
## 434	0	3	male	17.00	0	0	7.1250	S	1
## 435	0	1	male	50.00	1	0	55.9000	S	4
## 436	1	1	female	14.00	1	2	120.0000	S	1
## 437	0	3	female	21.00	2	2	34.3750	S	2
## 438	1	2	female	24.00	2	3	18.7500	S	2
## 439	0	1	male	64.00	1	4	263.0000	S	6
## 440	0	2	male	31.00	0	0	10.5000	S	3
## 441	1	2	female	45.00	1	1	26.2500	S	4
## 442	0	3	male	20.00	0	0	9.5000	S	1
## 443	0	3	male	25.00	1	0	7.7750	S	2
## 444	1	2	female	28.00	0	0	13.0000	S	2

## 445	1	3	male	29.70	0	0	8.1125	S	2
## 446	1	1	male	4.00	0	2	81.8583	S	0
## 447	1	2	female	13.00	0	1	19.5000	S	1
## 448	1	1	male	34.00	0	0	26.5500	S	3
## 449	1	3	female	5.00	2	1	19.2583	C	0
## 450	1	1	male	52.00	0	0	30.5000	S	5
## 451	0	2	male	36.00	1	2	27.7500	S	3
## 452	0	3	male	29.70	1	0	19.9667	S	2
## 453	0	1	male	30.00	0	0	27.7500	C	2
## 454	1	1	male	49.00	1	0	89.1042	C	4
## 455	0	3	male	29.70	0	0	8.0500	S	2
## 456	1	3	male	29.00	0	0	7.8958	C	2
## 457	0	1	male	65.00	0	0	26.5500	S	6
## 458	1	1	female	29.70	1	0	51.8625	S	2
## 459	1	2	female	50.00	0	0	10.5000	S	4
## 460	0	3	male	29.70	0	0	7.7500	Q	2
## 461	1	1	male	48.00	0	0	26.5500	S	4
## 462	0	3	male	34.00	0	0	8.0500	S	3
## 463	0	1	male	47.00	0	0	38.5000	S	4
## 464	0	2	male	48.00	0	0	13.0000	S	4
## 465	0	3	male	29.70	0	0	8.0500	S	2
## 466	0	3	male	38.00	0	0	7.0500	S	3
## 467	0	2	male	29.70	0	0	0.0000	S	2
## 468	0	1	male	56.00	0	0	26.5500	S	5
## 469	0	3	male	29.70	0	0	7.7250	Q	2
## 470	1	3	female	0.75	2	1	19.2583	C	0
## 471	0	3	male	29.70	0	0	7.2500	S	2
## 472	0	3	male	38.00	0	0	8.6625	S	3
## 473	1	2	female	33.00	1	2	27.7500	S	3
## 474	1	2	female	23.00	0	0	13.7917	C	2
## 475	0	3	female	22.00	0	0	9.8375	S	2
## 476	0	1	male	29.70	0	0	52.0000	S	2
## 477	0	2	male	34.00	1	0	21.0000	S	3
## 478	0	3	male	29.00	1	0	7.0458	S	2
## 479	0	3	male	22.00	0	0	7.5208	S	2
## 480	1	3	female	2.00	0	1	12.2875	S	0
## 481	0	3	male	9.00	5	2	46.9000	S	0
## 482	0	2	male	29.70	0	0	0.0000	S	2
## 483	0	3	male	50.00	0	0	8.0500	S	4
## 484	1	3	female	63.00	0	0	9.5875	S	6
## 485	1	1	male	25.00	1	0	91.0792	C	2
## 486	0	3	female	29.70	3	1	25.4667	S	2
## 487	1	1	female	35.00	1	0	90.0000	S	3
## 488	0	1	male	58.00	0	0	29.7000	C	5
## 489	0	3	male	30.00	0	0	8.0500	S	2
## 490	1	3	male	9.00	1	1	15.9000	S	0
## 491	0	3	male	29.70	1	0	19.9667	S	2
## 492	0	3	male	21.00	0	0	7.2500	S	2
## 493	0	1	male	55.00	0	0	30.5000	S	5
## 494	0	1	male	71.00	0	0	49.5042	C	7
## 495	0	3	male	21.00	0	0	8.0500	S	2
## 496	0	3	male	29.70	0	0	14.4583	C	2
## 497	1	1	female	54.00	1	0	78.2667	C	5
## 498	0	3	male	29.70	0	0	15.1000	S	2

## 499	0	1 female	25.00	1	2	151.5500	S	2
## 500	0	3 male	24.00	0	0	7.7958	S	2
## 501	0	3 male	17.00	0	0	8.6625	S	1
## 502	0	3 female	21.00	0	0	7.7500	Q	2
## 503	0	3 female	29.70	0	0	7.6292	Q	2
## 504	0	3 female	37.00	0	0	9.5875	S	3
## 505	1	1 female	16.00	0	0	86.5000	S	1
## 506	0	1 male	18.00	1	0	108.9000	C	1
## 507	1	2 female	33.00	0	2	26.0000	S	3
## 508	1	1 male	29.70	0	0	26.5500	S	2
## 509	0	3 male	28.00	0	0	22.5250	S	2
## 510	1	3 male	26.00	0	0	56.4958	S	2
## 511	1	3 male	29.00	0	0	7.7500	Q	2
## 512	0	3 male	29.70	0	0	8.0500	S	2
## 513	1	1 male	36.00	0	0	26.2875	S	3
## 514	1	1 female	54.00	1	0	59.4000	C	5
## 515	0	3 male	24.00	0	0	7.4958	S	2
## 516	0	1 male	47.00	0	0	34.0208	S	4
## 517	1	2 female	34.00	0	0	10.5000	S	3
## 518	0	3 male	29.70	0	0	24.1500	Q	2
## 519	1	2 female	36.00	1	0	26.0000	S	3
## 520	0	3 male	32.00	0	0	7.8958	S	3
## 521	1	1 female	30.00	0	0	93.5000	S	2
## 522	0	3 male	22.00	0	0	7.8958	S	2
## 523	0	3 male	29.70	0	0	7.2250	C	2
## 524	1	1 female	44.00	0	1	57.9792	C	4
## 525	0	3 male	29.70	0	0	7.2292	C	2
## 526	0	3 male	40.50	0	0	7.7500	Q	4
## 527	1	2 female	50.00	0	0	10.5000	S	4
## 528	0	1 male	29.70	0	0	221.7792	S	2
## 529	0	3 male	39.00	0	0	7.9250	S	3
## 530	0	2 male	23.00	2	1	11.5000	S	2
## 531	1	2 female	2.00	1	1	26.0000	S	0
## 532	0	3 male	29.70	0	0	7.2292	C	2
## 533	0	3 male	17.00	1	1	7.2292	C	1
## 534	1	3 female	29.70	0	2	22.3583	C	2
## 535	0	3 female	30.00	0	0	8.6625	S	2
## 536	1	2 female	7.00	0	2	26.2500	S	0
## 537	0	1 male	45.00	0	0	26.5500	S	4
## 538	1	1 female	30.00	0	0	106.4250	C	2
## 539	0	3 male	29.70	0	0	14.5000	S	2
## 540	1	1 female	22.00	0	2	49.5000	C	2
## 541	1	1 female	36.00	0	2	71.0000	S	3
## 542	0	3 female	9.00	4	2	31.2750	S	0
## 543	0	3 female	11.00	4	2	31.2750	S	1
## 544	1	2 male	32.00	1	0	26.0000	S	3
## 545	0	1 male	50.00	1	0	106.4250	C	4
## 546	0	1 male	64.00	0	0	26.0000	S	6
## 547	1	2 female	19.00	1	0	26.0000	S	1
## 548	1	2 male	29.70	0	0	13.8625	C	2
## 549	0	3 male	33.00	1	1	20.5250	S	3
## 550	1	2 male	8.00	1	1	36.7500	S	0
## 551	1	1 male	17.00	0	2	110.8833	C	1
## 552	0	2 male	27.00	0	0	26.0000	S	2

## 553	0	3	male	29.70	0	0	7.8292	Q	2
## 554	1	3	male	22.00	0	0	7.2250	C	2
## 555	1	3	female	22.00	0	0	7.7750	S	2
## 556	0	1	male	62.00	0	0	26.5500	S	6
## 557	1	1	female	48.00	1	0	39.6000	C	4
## 558	0	1	male	29.70	0	0	227.5250	C	2
## 559	1	1	female	39.00	1	1	79.6500	S	3
## 560	1	3	female	36.00	1	0	17.4000	S	3
## 561	0	3	male	29.70	0	0	7.7500	Q	2
## 562	0	3	male	40.00	0	0	7.8958	S	3
## 563	0	2	male	28.00	0	0	13.5000	S	2
## 564	0	3	male	29.70	0	0	8.0500	S	2
## 565	0	3	female	29.70	0	0	8.0500	S	2
## 566	0	3	male	24.00	2	0	24.1500	S	2
## 567	0	3	male	19.00	0	0	7.8958	S	1
## 568	0	3	female	29.00	0	4	21.0750	S	2
## 569	0	3	male	29.70	0	0	7.2292	C	2
## 570	1	3	male	32.00	0	0	7.8542	S	3
## 571	1	2	male	62.00	0	0	10.5000	S	6
## 572	1	1	female	53.00	2	0	51.4792	S	5
## 573	1	1	male	36.00	0	0	26.3875	S	3
## 574	1	3	female	29.70	0	0	7.7500	Q	2
## 575	0	3	male	16.00	0	0	8.0500	S	1
## 576	0	3	male	19.00	0	0	14.5000	S	1
## 577	1	2	female	34.00	0	0	13.0000	S	3
## 578	1	1	female	39.00	1	0	55.9000	S	3
## 579	0	3	female	29.70	1	0	14.4583	C	2
## 580	1	3	male	32.00	0	0	7.9250	S	3
## 581	1	2	female	25.00	1	1	30.0000	S	2
## 582	1	1	female	39.00	1	1	110.8833	C	3
## 583	0	2	male	54.00	0	0	26.0000	S	5
## 584	0	1	male	36.00	0	0	40.1250	C	3
## 585	0	3	male	29.70	0	0	8.7125	C	2
## 586	1	1	female	18.00	0	2	79.6500	S	1
## 587	0	2	male	47.00	0	0	15.0000	S	4
## 588	1	1	male	60.00	1	1	79.2000	C	5
## 589	0	3	male	22.00	0	0	8.0500	S	2
## 590	0	3	male	29.70	0	0	8.0500	S	2
## 591	0	3	male	35.00	0	0	7.1250	S	3
## 592	1	1	female	52.00	1	0	78.2667	C	5
## 593	0	3	male	47.00	0	0	7.2500	S	4
## 594	0	3	female	29.70	0	2	7.7500	Q	2
## 595	0	2	male	37.00	1	0	26.0000	S	3
## 596	0	3	male	36.00	1	1	24.1500	S	3
## 597	1	2	female	29.70	0	0	33.0000	S	2
## 598	0	3	male	49.00	0	0	0.0000	S	4
## 599	0	3	male	29.70	0	0	7.2250	C	2
## 600	1	1	male	49.00	1	0	56.9292	C	4
## 601	1	2	female	24.00	2	1	27.0000	S	2
## 602	0	3	male	29.70	0	0	7.8958	S	2
## 603	0	1	male	29.70	0	0	42.4000	S	2
## 604	0	3	male	44.00	0	0	8.0500	S	4
## 605	1	1	male	35.00	0	0	26.5500	C	3
## 606	0	3	male	36.00	1	0	15.5500	S	3

## 607	0	3	male	30.00	0	0	7.8958	S	2
## 608	1	1	male	27.00	0	0	30.5000	S	2
## 609	1	2	female	22.00	1	2	41.5792	C	2
## 610	1	1	female	40.00	0	0	153.4625	S	3
## 611	0	3	female	39.00	1	5	31.2750	S	3
## 612	0	3	male	29.70	0	0	7.0500	S	2
## 613	1	3	female	29.70	1	0	15.5000	Q	2
## 614	0	3	male	29.70	0	0	7.7500	Q	2
## 615	0	3	male	35.00	0	0	8.0500	S	3
## 616	1	2	female	24.00	1	2	65.0000	S	2
## 617	0	3	male	34.00	1	1	14.4000	S	3
## 618	0	3	female	26.00	1	0	16.1000	S	2
## 619	1	2	female	4.00	2	1	39.0000	S	0
## 620	0	2	male	26.00	0	0	10.5000	S	2
## 621	0	3	male	27.00	1	0	14.4542	C	2
## 622	1	1	male	42.00	1	0	52.5542	S	4
## 623	1	3	male	20.00	1	1	15.7417	C	1
## 624	0	3	male	21.00	0	0	7.8542	S	2
## 625	0	3	male	21.00	0	0	16.1000	S	2
## 626	0	1	male	61.00	0	0	32.3208	S	6
## 627	0	2	male	57.00	0	0	12.3500	Q	5
## 628	1	1	female	21.00	0	0	77.9583	S	2
## 629	0	3	male	26.00	0	0	7.8958	S	2
## 630	0	3	male	29.70	0	0	7.7333	Q	2
## 631	1	1	male	80.00	0	0	30.0000	S	7
## 632	0	3	male	51.00	0	0	7.0542	S	5
## 633	1	1	male	32.00	0	0	30.5000	C	3
## 634	0	1	male	29.70	0	0	0.0000	S	2
## 635	0	3	female	9.00	3	2	27.9000	S	0
## 636	1	2	female	28.00	0	0	13.0000	S	2
## 637	0	3	male	32.00	0	0	7.9250	S	3
## 638	0	2	male	31.00	1	1	26.2500	S	3
## 639	0	3	female	41.00	0	5	39.6875	S	4
## 640	0	3	male	29.70	1	0	16.1000	S	2
## 641	0	3	male	20.00	0	0	7.8542	S	1
## 642	1	1	female	24.00	0	0	69.3000	C	2
## 643	0	3	female	2.00	3	2	27.9000	S	0
## 644	1	3	male	29.70	0	0	56.4958	S	2
## 645	1	3	female	0.75	2	1	19.2583	C	0
## 646	1	1	male	48.00	1	0	76.7292	C	4
## 647	0	3	male	19.00	0	0	7.8958	S	1
## 648	1	1	male	56.00	0	0	35.5000	C	5
## 649	0	3	male	29.70	0	0	7.5500	S	2
## 650	1	3	female	23.00	0	0	7.5500	S	2
## 651	0	3	male	29.70	0	0	7.8958	S	2
## 652	1	2	female	18.00	0	1	23.0000	S	1
## 653	0	3	male	21.00	0	0	8.4333	S	2
## 654	1	3	female	29.70	0	0	7.8292	Q	2
## 655	0	3	female	18.00	0	0	6.7500	Q	1
## 656	0	2	male	24.00	2	0	73.5000	S	2
## 657	0	3	male	29.70	0	0	7.8958	S	2
## 658	0	3	female	32.00	1	1	15.5000	Q	3
## 659	0	2	male	23.00	0	0	13.0000	S	2
## 660	0	1	male	58.00	0	2	113.2750	C	5

## 661	1	1	male	50.00	2	0	133.6500	S	4
## 662	0	3	male	40.00	0	0	7.2250	C	3
## 663	0	1	male	47.00	0	0	25.5875	S	4
## 664	0	3	male	36.00	0	0	7.4958	S	3
## 665	1	3	male	20.00	1	0	7.9250	S	1
## 666	0	2	male	32.00	2	0	73.5000	S	3
## 667	0	2	male	25.00	0	0	13.0000	S	2
## 668	0	3	male	29.70	0	0	7.7750	S	2
## 669	0	3	male	43.00	0	0	8.0500	S	4
## 670	1	1	female	29.70	1	0	52.0000	S	2
## 671	1	2	female	40.00	1	1	39.0000	S	3
## 672	0	1	male	31.00	1	0	52.0000	S	3
## 673	0	2	male	70.00	0	0	10.5000	S	6
## 674	1	2	male	31.00	0	0	13.0000	S	3
## 675	0	2	male	29.70	0	0	0.0000	S	2
## 676	0	3	male	18.00	0	0	7.7750	S	1
## 677	0	3	male	24.50	0	0	8.0500	S	2
## 678	1	3	female	18.00	0	0	9.8417	S	1
## 679	0	3	female	43.00	1	6	46.9000	S	4
## 680	1	1	male	36.00	0	1	512.3292	C	3
## 681	0	3	female	29.70	0	0	8.1375	Q	2
## 682	1	1	male	27.00	0	0	76.7292	C	2
## 683	0	3	male	20.00	0	0	9.2250	S	1
## 684	0	3	male	14.00	5	2	46.9000	S	1
## 685	0	2	male	60.00	1	1	39.0000	S	5
## 686	0	2	male	25.00	1	2	41.5792	C	2
## 687	0	3	male	14.00	4	1	39.6875	S	1
## 688	0	3	male	19.00	0	0	10.1708	S	1
## 689	0	3	male	18.00	0	0	7.7958	S	1
## 690	1	1	female	15.00	0	1	211.3375	S	1
## 691	1	1	male	31.00	1	0	57.0000	S	3
## 692	1	3	female	4.00	0	1	13.4167	C	0
## 693	1	3	male	29.70	0	0	56.4958	S	2
## 694	0	3	male	25.00	0	0	7.2250	C	2
## 695	0	1	male	60.00	0	0	26.5500	S	5
## 696	0	2	male	52.00	0	0	13.5000	S	5
## 697	0	3	male	44.00	0	0	8.0500	S	4
## 698	1	3	female	29.70	0	0	7.7333	Q	2
## 699	0	1	male	49.00	1	1	110.8833	C	4
## 700	0	3	male	42.00	0	0	7.6500	S	4
## 701	1	1	female	18.00	1	0	227.5250	C	1
## 702	1	1	male	35.00	0	0	26.2875	S	3
## 703	0	3	female	18.00	0	1	14.4542	C	1
## 704	0	3	male	25.00	0	0	7.7417	Q	2
## 705	0	3	male	26.00	1	0	7.8542	S	2
## 706	0	2	male	39.00	0	0	26.0000	S	3
## 707	1	2	female	45.00	0	0	13.5000	S	4
## 708	1	1	male	42.00	0	0	26.2875	S	4
## 709	1	1	female	22.00	0	0	151.5500	S	2
## 710	1	3	male	29.70	1	1	15.2458	C	2
## 711	1	1	female	24.00	0	0	49.5042	C	2
## 712	0	1	male	29.70	0	0	26.5500	S	2
## 713	1	1	male	48.00	1	0	52.0000	S	4
## 714	0	3	male	29.00	0	0	9.4833	S	2

## 715	0	2	male	52.00	0	0	13.0000	S	5
## 716	0	3	male	19.00	0	0	7.6500	S	1
## 717	1	1	female	38.00	0	0	227.5250	C	3
## 718	1	2	female	27.00	0	0	10.5000	S	2
## 719	0	3	male	29.70	0	0	15.5000	Q	2
## 720	0	3	male	33.00	0	0	7.7750	S	3
## 721	1	2	female	6.00	0	1	33.0000	S	0
## 722	0	3	male	17.00	1	0	7.0542	S	1
## 723	0	2	male	34.00	0	0	13.0000	S	3
## 724	0	2	male	50.00	0	0	13.0000	S	4
## 725	1	1	male	27.00	1	0	53.1000	S	2
## 726	0	3	male	20.00	0	0	8.6625	S	1
## 727	1	2	female	30.00	3	0	21.0000	S	2
## 728	1	3	female	29.70	0	0	7.7375	Q	2
## 729	0	2	male	25.00	1	0	26.0000	S	2
## 730	0	3	female	25.00	1	0	7.9250	S	2
## 731	1	1	female	29.00	0	0	211.3375	S	2
## 732	0	3	male	11.00	0	0	18.7875	C	1
## 733	0	2	male	29.70	0	0	0.0000	S	2
## 734	0	2	male	23.00	0	0	13.0000	S	2
## 735	0	2	male	23.00	0	0	13.0000	S	2
## 736	0	3	male	28.50	0	0	16.1000	S	2
## 737	0	3	female	48.00	1	3	34.3750	S	4
## 738	1	1	male	35.00	0	0	512.3292	C	3
## 739	0	3	male	29.70	0	0	7.8958	S	2
## 740	0	3	male	29.70	0	0	7.8958	S	2
## 741	1	1	male	29.70	0	0	30.0000	S	2
## 742	0	1	male	36.00	1	0	78.8500	S	3
## 743	1	1	female	21.00	2	2	262.3750	C	2
## 744	0	3	male	24.00	1	0	16.1000	S	2
## 745	1	3	male	31.00	0	0	7.9250	S	3
## 746	0	1	male	70.00	1	1	71.0000	S	6
## 747	0	3	male	16.00	1	1	20.2500	S	1
## 748	1	2	female	30.00	0	0	13.0000	S	2
## 749	0	1	male	19.00	1	0	53.1000	S	1
## 750	0	3	male	31.00	0	0	7.7500	Q	3
## 751	1	2	female	4.00	1	1	23.0000	S	0
## 752	1	3	male	6.00	0	1	12.4750	S	0
## 753	0	3	male	33.00	0	0	9.5000	S	3
## 754	0	3	male	23.00	0	0	7.8958	S	2
## 755	1	2	female	48.00	1	2	65.0000	S	4
## 756	1	2	male	0.67	1	1	14.5000	S	0
## 757	0	3	male	28.00	0	0	7.7958	S	2
## 758	0	2	male	18.00	0	0	11.5000	S	1
## 759	0	3	male	34.00	0	0	8.0500	S	3
## 760	1	1	female	33.00	0	0	86.5000	S	3
## 761	0	3	male	29.70	0	0	14.5000	S	2
## 762	0	3	male	41.00	0	0	7.1250	S	4
## 763	1	3	male	20.00	0	0	7.2292	C	1
## 764	1	1	female	36.00	1	2	120.0000	S	3
## 765	0	3	male	16.00	0	0	7.7750	S	1
## 766	1	1	female	51.00	1	0	77.9583	S	5
## 767	0	1	male	29.70	0	0	39.6000	C	2
## 768	0	3	female	30.50	0	0	7.7500	Q	3

## 769	0	3	male	29.70	1	0	24.1500	Q	2
## 770	0	3	male	32.00	0	0	8.3625	S	3
## 771	0	3	male	24.00	0	0	9.5000	S	2
## 772	0	3	male	48.00	0	0	7.8542	S	4
## 773	0	2	female	57.00	0	0	10.5000	S	5
## 774	0	3	male	29.70	0	0	7.2250	C	2
## 775	1	2	female	54.00	1	3	23.0000	S	5
## 776	0	3	male	18.00	0	0	7.7500	S	1
## 777	0	3	male	29.70	0	0	7.7500	Q	2
## 778	1	3	female	5.00	0	0	12.4750	S	0
## 779	0	3	male	29.70	0	0	7.7375	Q	2
## 780	1	1	female	43.00	0	1	211.3375	S	4
## 781	1	3	female	13.00	0	0	7.2292	C	1
## 782	1	1	female	17.00	1	0	57.0000	S	1
## 783	0	1	male	29.00	0	0	30.0000	S	2
## 784	0	3	male	29.70	1	2	23.4500	S	2
## 785	0	3	male	25.00	0	0	7.0500	S	2
## 786	0	3	male	25.00	0	0	7.2500	S	2
## 787	1	3	female	18.00	0	0	7.4958	S	1
## 788	0	3	male	8.00	4	1	29.1250	Q	0
## 789	1	3	male	1.00	1	2	20.5750	S	0
## 790	0	1	male	46.00	0	0	79.2000	C	4
## 791	0	3	male	29.70	0	0	7.7500	Q	2
## 792	0	2	male	16.00	0	0	26.0000	S	1
## 793	0	3	female	29.70	8	2	69.5500	S	2
## 794	0	1	male	29.70	0	0	30.6958	C	2
## 795	0	3	male	25.00	0	0	7.8958	S	2
## 796	0	2	male	39.00	0	0	13.0000	S	3
## 797	1	1	female	49.00	0	0	25.9292	S	4
## 798	1	3	female	31.00	0	0	8.6833	S	3
## 799	0	3	male	30.00	0	0	7.2292	C	2
## 800	0	3	female	30.00	1	1	24.1500	S	2
## 801	0	2	male	34.00	0	0	13.0000	S	3
## 802	1	2	female	31.00	1	1	26.2500	S	3
## 803	1	1	male	11.00	1	2	120.0000	S	1
## 804	1	3	male	0.42	0	1	8.5167	C	0
## 805	1	3	male	27.00	0	0	6.9750	S	2
## 806	0	3	male	31.00	0	0	7.7750	S	3
## 807	0	1	male	39.00	0	0	0.0000	S	3
## 808	0	3	female	18.00	0	0	7.7750	S	1
## 809	0	2	male	39.00	0	0	13.0000	S	3
## 810	1	1	female	33.00	1	0	53.1000	S	3
## 811	0	3	male	26.00	0	0	7.8875	S	2
## 812	0	3	male	39.00	0	0	24.1500	S	3
## 813	0	2	male	35.00	0	0	10.5000	S	3
## 814	0	3	female	6.00	4	2	31.2750	S	0
## 815	0	3	male	30.50	0	0	8.0500	S	3
## 816	0	1	male	29.70	0	0	0.0000	S	2
## 817	0	3	female	23.00	0	0	7.9250	S	2
## 818	0	2	male	31.00	1	1	37.0042	C	3
## 819	0	3	male	43.00	0	0	6.4500	S	4
## 820	0	3	male	10.00	3	2	27.9000	S	0
## 821	1	1	female	52.00	1	1	93.5000	S	5
## 822	1	3	male	27.00	0	0	8.6625	S	2

## 823	0	1	male	38.00	0	0	0.0000	S	3
## 824	1	3	female	27.00	0	1	12.4750	S	2
## 825	0	3	male	2.00	4	1	39.6875	S	0
## 826	0	3	male	29.70	0	0	6.9500	Q	2
## 827	0	3	male	29.70	0	0	56.4958	S	2
## 828	1	2	male	1.00	0	2	37.0042	C	0
## 829	1	3	male	29.70	0	0	7.7500	Q	2
## 830	1	1	female	62.00	0	0	80.0000		6
## 831	1	3	female	15.00	1	0	14.4542	C	1
## 832	1	2	male	0.83	1	1	18.7500	S	0
## 833	0	3	male	29.70	0	0	7.2292	C	2
## 834	0	3	male	23.00	0	0	7.8542	S	2
## 835	0	3	male	18.00	0	0	8.3000	S	1
## 836	1	1	female	39.00	1	1	83.1583	C	3
## 837	0	3	male	21.00	0	0	8.6625	S	2
## 838	0	3	male	29.70	0	0	8.0500	S	2
## 839	1	3	male	32.00	0	0	56.4958	S	3
## 840	1	1	male	29.70	0	0	29.7000	C	2
## 841	0	3	male	20.00	0	0	7.9250	S	1
## 842	0	2	male	16.00	0	0	10.5000	S	1
## 843	1	1	female	30.00	0	0	31.0000	C	2
## 844	0	3	male	34.50	0	0	6.4375	C	3
## 845	0	3	male	17.00	0	0	8.6625	S	1
## 846	0	3	male	42.00	0	0	7.5500	S	4
## 847	0	3	male	29.70	8	2	69.5500	S	2
## 848	0	3	male	35.00	0	0	7.8958	C	3
## 849	0	2	male	28.00	0	1	33.0000	S	2
## 850	1	1	female	29.70	1	0	89.1042	C	2
## 851	0	3	male	4.00	4	2	31.2750	S	0
## 852	0	3	male	74.00	0	0	7.7750	S	7
## 853	0	3	female	9.00	1	1	15.2458	C	0
## 854	1	1	female	16.00	0	1	39.4000	S	1
## 855	0	2	female	44.00	1	0	26.0000	S	4
## 856	1	3	female	18.00	0	1	9.3500	S	1
## 857	1	1	female	45.00	1	1	164.8667	S	4
## 858	1	1	male	51.00	0	0	26.5500	S	5
## 859	1	3	female	24.00	0	3	19.2583	C	2
## 860	0	3	male	29.70	0	0	7.2292	C	2
## 861	0	3	male	41.00	2	0	14.1083	S	4
## 862	0	2	male	21.00	1	0	11.5000	S	2
## 863	1	1	female	48.00	0	0	25.9292	S	4
## 864	0	3	female	29.70	8	2	69.5500	S	2
## 865	0	2	male	24.00	0	0	13.0000	S	2
## 866	1	2	female	42.00	0	0	13.0000	S	4
## 867	1	2	female	27.00	1	0	13.8583	C	2
## 868	0	1	male	31.00	0	0	50.4958	S	3
## 869	0	3	male	29.70	0	0	9.5000	S	2
## 870	1	3	male	4.00	1	1	11.1333	S	0
## 871	0	3	male	26.00	0	0	7.8958	S	2
## 872	1	1	female	47.00	1	1	52.5542	S	4
## 873	0	1	male	33.00	0	0	5.0000	S	3
## 874	0	3	male	47.00	0	0	9.0000	S	4
## 875	1	2	female	28.00	1	0	24.0000	C	2
## 876	1	3	female	15.00	0	0	7.2250	C	1

```
## 877      0      3   male 20.00      0      0   9.8458      S      1
## 878      0      3   male 19.00      0      0   7.8958      S      1
## 879      0      3   male 29.70      0      0   7.8958      S      2
## 880      1      1 female 56.00      0      1  83.1583      C      5
## 881      1      2 female 25.00      0      1  26.0000      S      2
## 882      0      3   male 33.00      0      0   7.8958      S      3
## 883      0      3 female 22.00      0      0  10.5167      S      2
## 884      0      2   male 28.00      0      0  10.5000      S      2
## 885      0      3   male 25.00      0      0   7.0500      S      2
## 886      0      3 female 39.00      0      5  29.1250      Q      3
## 887      0      2   male 27.00      0      0  13.0000      S      2
## 888      1      1 female 19.00      0      0  30.0000      S      1
## 889      0      3 female 29.70      1      2  23.4500      S      2
## 890      1      1   male 26.00      0      0  30.0000      C      2
## 891      0      3   male 32.00      0      0   7.7500      Q      3
```

23. Show the frequency of Ports of Embarkation. It appears that there are two missing values in the Embarked variable. Assign the most frequent port to the missing ports. Hint: Use the levels function to modify the categories of categorical variables.

```
table(d$Embarked)
```

```
##
##      C      Q      S
##  2 168  77 644
```

```
levels(d$Embarked)= c("S","C","Q","S")
table(d$Embarked)
```

```
##
##      S      C      Q
## 646 168  77
```