RWorksheet_Joven#6

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```
#install.packages("Hmisc")
#install.packages("pastecs")
library(Hmisc)
##
## Attaching package: 'Hmisc'
## The following objects are masked from 'package:base':
##
     format.pval, units
library(pastecs)
students <- c(1:10)
pre_test <- c(55,54,47,57,51,61,57,54,63,58)</pre>
post_test <- c(61,60,56,63,56,63,59,56,62,61)
students_df <- data.frame(students, pre_test, post_test)</pre>
\#A
describe(students_df)
## students_df
##
##
  3 Variables
                10 Observations
## ---
## students
      n missing distinct Info Mean
                                          Gmd
                                                  .05
                                                          .10
                          1
                                                  1.45
##
       10 0 10
                                   5.5
                                          3.667
                                                          1.90
                            .90
##
      . 25
             .50
                    .75
                                    .95
            5.50 7.75
                          9.10
##
     3.25
                                    9.55
##
           1 2 3 4 5 6 7 8 9 10
## Value
## Frequency
            1
                1 1 1
                         1
                             1
##
## For the frequency table, variable is rounded to the nearest 0
## pre test
##
                           Info
       n missing distinct
                                   Mean
                                            Gmd
                           0.988
                                   55.7 5.444
##
       10
            0
                   8
##
## Value
            47 51 54 55 57 58 61 63
## Frequency 1 1 2 1 2 1 1
```

```
## Proportion 0.1 0.1 0.2 0.1 0.2 0.1 0.1
##
## For the frequency table, variable is rounded to the nearest 0
## post_test
##
         n missing distinct
                                 Info
                                          Mean
                                                    Gmd
##
        10
                  0
                                0.964
                                          59.7
                                                  3.311
##
## Value
              56 59 60 61 62 63
## Frequency
               3 1 1 2
                              1
## Proportion 0.3 0.1 0.1 0.2 0.1 0.2
\#\# For the frequency table, variable is rounded to the nearest 0
stat.desc(students_df)
##
                 students
                              pre_test
                                          post_test
## nbr.val
               10.0000000 10.00000000 10.00000000
                0.0000000 0.00000000 0.00000000
## nbr.null
## nbr.na
                0.0000000
                            0.0000000 0.0000000
                1.0000000 47.00000000 56.00000000
## min
## max
               10.0000000 63.00000000 63.00000000
               9.0000000 16.00000000 7.00000000
## range
               55.0000000 557.00000000 597.00000000
## sum
                5.5000000 56.00000000 60.50000000
## median
## mean
                5.5000000 55.70000000 59.70000000
## SE.mean
                0.9574271 1.46855938 0.89504811
## CI.mean.0.95 2.1658506 3.32211213 2.02473948
                9.1666667 21.56666667 8.01111111
## var
## std.dev
                3.0276504 4.64399254
                                         2.83039063
## coef.var
                0.5504819 0.08337509
                                         0.04741023
#2
#A
fertilizer_level_text <- c("low", "medium", "high", "low", "medium", "high")</pre>
ordered_fertilizer_text <- factor(fertilizer_level_text, ordered = TRUE, levels = c("low", "medium", "hig
fertilizer_level <- c(10,10,10,20,20,50,10,50,20,50,20,10)
ordered_fertilizer <- factor(fertilizer_level, ordered = TRUE)</pre>
#3 A factor can be employed to encapsulate the various levels undertaken by 10 subjects..
exercise_level <- c("1", "n", "n", "i", "1", "1", "n", "n", "i", "1")
exercise_factor <- factor(exercise_level, levels = c("n", "l", "i"), labels = c("none", "light", "inten
print(exercise_factor)
## [1] light
                             intense light light
               none
                                                                       intense
                       none
                                                       none
                                                               none
## [10] light
## Levels: none light intense
#4.
states <- c("tas", "sa", "qld", "nsw", "nsw", "nt", "wa", "wa", "qld",
```

```
"vic", "nsw", "vic", "qld", "qld", "sa", "tas", "sa", "nt",
           "wa", "vic", "qld", "nsw", "nsw", "wa", "sa", "act", "nsw",
           "vic", "vic", "act")
\#A.
state_factor <- factor(states)</pre>
print(state_factor)
## [1] tas sa qld nsw nsw nt wa wa qld vic nsw vic qld qld sa tas sa nt wa
## [20] vic qld nsw nsw wa sa act nsw vic vic act
## Levels: act nsw nt qld sa tas vic wa
#The results show the various "Levels" listed in the vector.
#5.
incomes \leftarrow c(60, 49, 40, 61, 64, 60, 59, 54,
             62, 69, 70, 42, 56, 61, 61, 61, 58, 51, 48,
             65, 49, 49, 41, 48, 52, 46, 59, 46, 58, 43)
#A. Sample Mean
income_means <- tapply(incomes, state_factor, mean)</pre>
print(income means)
##
        act
                 nsw
                                    qld
                                                                 vic
                            nt
                                               sa
                                                       tas
                                                                           พล
## 44.50000 57.33333 55.50000 53.60000 55.00000 60.50000 56.00000 52.25000
#B. The results display the mean for each state given.
#std_error <- function(x) sqrt(var(x)/length(x))</pre>
#inc_ster <- tapply(incomes, statef, std_error)</pre>
#A. The standard error occurs because the vector was named 'state,' and the object 'statef' is not foun
#install.packages("titanic")
library(titanic)
data("titanic_train")
titanic_data <- titanic_train</pre>
\#A
survived <- subset(titanic_data, Survived == 1)</pre>
didnt_survive <- subset(titanic_data, Survived == 0)</pre>
print(survived)
##
       PassengerId Survived Pclass
## 2
                 2
                           1
                                  1
## 3
                 3
                           1
                                  3
## 4
                 4
                           1
                                  1
## 9
                 9
                           1
                                  3
                                  2
## 10
                10
                           1
## 11
                11
                           1
                                  3
## 12
                12
                           1
                                  1
                                  2
## 16
                16
                           1
## 18
                18
                          1
                                  2
```

3

1

20

20

				_
##	22	22	1	2
##	23	23	1	3
##	24	24	1	1
##	26	26	1	3
##	29	29	1	3
##	32	32	1	1
##	33	33	1	3
##	37	37	1	3
##	40	40	1	3
##	44	44	1	2
##	45	45	1	3
##	48	48	1	3
##	53	53	1	1
##	54	54	1	2
##	56	56	1	1
##	57	57	1	2
##	59	59	1	2
##	62	62	1	1
##	66	66	1	3
##	67	67	1	2
##	69	69	1	3
##	75	75	1	3
##	79	79	1	2
##	80	80	1	3
##	82	82	1	3
##	83	83	1	3
##	85	85	1	2
##	86	86	1	3
##	89	89	1	1
##	98	98	1	1
##	99	99	1	2
##	107	107	1	3
##	108	108	1	3
##	110	110	1	3
##	124	124	1	2
##	126	126	1	3
##	128	128	1	3
##				
##	129 134	129 134	1 1	3 2
##	137	137	1	1
##	142	142	1	3
##	143	143	1	3
##	143	143	1	3
##	152	152	1	1
##	157	157	1	3
##	162	162	1	2
##	166	166	1	3
##	167	167	1	1
##	173	173	1	3
##	184	173	1	2
##	185	185	1	3
##	187	187	1	3
##	188	188	1	1
	191	191	1	2
##	191	191	1	2

				_
##	193	193	1	3
##	194	194	1	2
##	195	195	1	1
##	196	196	1	1
##	199	199	1	3
##	205	205	1	3
##	208	208	1	3
##	209	209	1	3
##	210	210	1	1
##	212	212	1	2
##	216	216	1	1
##	217	217	1	3
##	219	219	1	1
##	221	221	1	3
##	225	225	1	1
##	227	227	1	2
##	231	231	1	1
##	234	234	1	3
##	238	238	1	2
##	242	242	1	3
##	248	248	1	2
##	249	249	1	1
##	256	256	1	3
##	257	257	1	1
##	258	258	1	1
##	259	259	1	1
##	260	260	1	2
##	262	262	1	3
##	268	268	1	3
##	269	269	1	1
##	270	270	1	1
##	272	272	1	3
##	273	273	1	2
##	275	275	1	3
##	276	276	1	1
##	280	280	1	3
##	284	284	1	3
##	287	287	1	3
##	289	289	1	2
##	290	290	1	3
##	291	291	1	1
				1
##	292	292	1	
##	299	299	1	1
##	300	300	1	1
##	301	301	1	3
##	302	302	1	3
##	304	304	1	2
##	306	306	1	1
##	307	307	1	1
##	308	308	1	1
##	310	310	1	1
##	311	311	1	1
##	312	312	1	1
##	316	316	1	3
##	210	310	1	J

## 317	317	1	2
## 319	319	1	1
## 320	320	1	1
## 323	323	1	2
## 324	324	1	2
## 326	326	1	1
## 328	328	1	2
## 329	329	1	3
## 330	330	1	1
## 331	331	1	3
## 335	335	1	1
## 338	338	1	1
## 339	339	1	3
## 341	341	1	2
## 342	342	1	1
## 346	346	1	2
## 347	347	1	2
## 348	348	1	3
## 349	349	1	3
## 357	357	1	1
## 359	359	1	3
## 360	360	1	3
## 367	367	1	1
## 368	368	1	3
## 369	369	1	3
## 370	370	1	1
## 371	371	1	1
## 376	376	1	1
## 377	377	1	3
## 381	381	1	1
## 382	382	1	3
## 384	384	1	1
## 388	388	1	2
## 390	390	1	2
## 391	391	1	1
## 392	392	1	3
## 394	394	1	1
			_
## 395	395	1	3
## 400	400	1	2
## 401	401	1	3
## 408	408	1	2
## 413	413	1	1
## 415	415	1	3
## 417	417	1	2
## 418	418	1	2
## 427	427	1	2
## 428	428	1	2
## 430	430	1	3
		1	
	431		1
## 432	432	1	3
## 433	433	1	2
## 436	436	1	1
## 438	438	1	2
## 441	441	1	2

##	444	444	1	2
##	445	445	1	3
##	446	446	1	1
##	447	447	1	2
##	448	448	1	1
##	449	449	1	3
##	450	450	1	1
##	454	454	1	1
##	456	456	1	3
##	458	458	1	1
##	459	459	1	2
##	461	461	1	1
##	470	470	1	3
##	473	473	1	2
##	474	474	1	2
##	480	480	1	3
##	484	484	1	3
##	485	485	1	1
##	487	487	1	1
##	490	490	1	3
##	497	497	1	1
##	505	505	1	1
##	507	507	1	2
##	508	508	1	1
##	510	510	1	3
##	511	511	1	3
##	513	513	1	1
				1
##	514	514	1	
##	517	517	1	2
##	519	519	1	2
##	521	521	1	1
##	524	524	1	1
##	527	527	1	2
##	531	531	1	2
##	534	534	1	3
##	536	536	1	2
##	538	538	1	1
##	540	540	1	
##	541	541	1	1
##	544	544	1	2
##	547	547	1	2
##	548	548	1	2
##	550	550	1	2
##	551	551	1	1
##	554	554	1	3
##	555	555	1	3
##	557	557	1	1
##	559	559	1	1
##	560	560	1	3
##	570	570	1	3
##	571	571	1	2
##	572	572	1	1
##		573	1	1
	573			
##	574	574	1	3

	C77	C77		_
##	577	577	1	2
##	578	578	1	1
##	580	580	1	3
##	581	581	1	2
##	582	582	1	1
##	586	586	1	1
##	588	588	1	1
##	592	592	1	1
##	597	597	1	2
##	600	600	1	1
##	601	601	1	2
##	605	605	1	1
##	608	608	1	1
##	609	609	1	2
##	610	610	1	1
##	613	613	1	3
##	616	616	1	2
##	619	619	1	2
##	622	622	1	1
##	623	623	1	3
##	628	628	1	1
##	631	631	1	1
##	633	633	1	1
##	636	636	1	2
##	642	642	1	1
##	644	644	1	3
##	645	645	1	3
##	646	646	1	1
##	648	648	1	1
##	650	650	1	3
##	652	652	1	2
##	654	654	1	3
##	661	661	1	1
##	665	665	1	3
##	670	670	1	1
##	671	671	1	2
##	674	674	1	2
##	678	678	1	3
##	680	680	1	1
##	682	682	1	1
##	690	690	1	1
##	691	691	1	1
##	692	692	1	3
##	693	693	1	3
##	698	698	1	3
##	701	701	1	1
##	702	702	1	1
##	707	707	1	2
##	708	708	1	1
##	709	709	1	1
##	710	710	1	3
##	711	711	1	1
##	713	713	1	1
##	717	717	1	1

##	718	718	1	2
##	721	721	1	2
##	725	725	1	1
##	727	727	1	2
##	728	728	1	3
##	731	731	1	1
##	738	738	1	1
##	741	741	1	1
##	743	743	1	1
##				
	745	745	1	3
##	748	748	1	2
##	751	751	1	2
##	752	752	1	3
##	755	755	1	2
##	756	756	1	2
##	760	760	1	1
##	763	763	1	3
##	764	764	1	1
##	766	766	1	1
##	775	775	1	2
##	778	778	1	3
##	780	780	1	1
##	781	781	1	3
##	782	782	1	1
##	787	787	1	3
##	789	789	1	3
##	797	797	1	1
##	798	798	1	3
##	802	802	1	2
##	803	803	1	1
##	804	804	1	3
##	805	805	1	3
##	810	810	1	1
##	821	821	1	1
##	822	822	1	3
##	824	824	1	3
##	828	828	1	2
##	829	829	1	3
##	830	830	1	1
##	831	831	1	3
##	832	832	1	2
##	836	836	1	1
##	839	839	1	3
##	840	840	1	1
##	843	843	1	1
##	850	850	1	1
##	854	854	1	1
##	856	856	1	3
##	857	857	1	1
##	858	858	1	1
##	859	859	1	3
##		863	1	1
	863			
##	866	866	1	2
##	867	867	1	2

##	870	870	1	3
	872	872	1	1
	875	875	1	2
	876	876	1	3
##	880	880	1	1
##	881	881	1	2
##	888	888	1	1
##	890	890	1	1
##				Name
##	2			Cumings, Mrs. John Bradley (Florence Briggs Thayer)
##	3			Heikkinen, Miss. Laina
##	4			Futrelle, Mrs. Jacques Heath (Lily May Peel)
##	9			Johnson, Mrs. Oscar W (Elisabeth Vilhelmina Berg)
##				Nasser, Mrs. Nicholas (Adele Achem)
##				Sandstrom, Miss. Marguerite Rut
##				Bonnell, Miss. Elizabeth
##				Hewlett, Mrs. (Mary D Kingcome)
##				Williams, Mr. Charles Eugene
##				Masselmani, Mrs. Fatima
##				Beesley, Mr. Lawrence
##				McGowan, Miss. Anna "Annie"
##				Sloper, Mr. William Thompson
## ##				Asplund, Mrs. Carl Oscar (Selma Augusta Emilia Johansson)
##				O'Dwyer, Miss. Ellen "Nellie" Spencer, Mrs. William Augustus (Marie Eugenie)
##				Glynn, Miss. Mary Agatha
##				Mamee, Mr. Hanna
##				Nicola-Yarred, Miss. Jamila
##				Laroche, Miss. Simonne Marie Anne Andree
##				Devaney, Miss. Margaret Delia
##	48			O'Driscoll, Miss. Bridget
##	53			Harper, Mrs. Henry Sleeper (Myna Haxtun)
##	54			Faunthorpe, Mrs. Lizzie (Elizabeth Anne Wilkinson)
##	56			Woolner, Mr. Hugh
##	57			Rugg, Miss. Emily
##	59			West, Miss. Constance Mirium
##	62			Icard, Miss. Amelie
##				Moubarek, Master. Gerios
##				Nye, Mrs. (Elizabeth Ramell)
##				Andersson, Miss. Erna Alexandra
##				Bing, Mr. Lee
##				Caldwell, Master. Alden Gates
##				Dowdell, Miss. Elizabeth
##				Sheerlinck, Mr. Jan Baptist
## ##				McDermott, Miss. Brigdet Delia
##				Ilett, Miss. Bertha Backstrom, Mrs. Karl Alfred (Maria Mathilda Gustafsson)
##				Fortune, Miss. Mabel Helen
##				Greenfield, Mr. William Bertram
##				Doling, Mrs. John T (Ada Julia Bone)
	107			Salkjelsvik, Miss. Anna Kristine
	108			Moss, Mr. Albert Johan
	110			Moran, Miss. Bertha
	124			Webber, Miss. Susan
				,

	126	Nicola-Yarred, Master. Elias
	128	Madsen, Mr. Fridtjof Arne
	129	Peter, Miss. Anna
	134	Weisz, Mrs. Leopold (Mathilde Francoise Pede)
##	137	Newsom, Miss. Helen Monypeny
##	142	Nysten, Miss. Anna Sofia
##	143	Hakkarainen, Mrs. Pekka Pietari (Elin Matilda Dolck)
##	147	Andersson, Mr. August Edvard ("Wennerstrom")
##	152	Pears, Mrs. Thomas (Edith Wearne)
##	157	Gilnagh, Miss. Katherine "Katie"
##	162	Watt, Mrs. James (Elizabeth "Bessie" Inglis Milne)
##	166	Goldsmith, Master. Frank John William "Frankie"
##	167	Chibnall, Mrs. (Edith Martha Bowerman)
##	173	Johnson, Miss. Eleanor Ileen
##	184	Becker, Master. Richard F
##	185	Kink-Heilmann, Miss. Luise Gretchen
##	187	O'Brien, Mrs. Thomas (Johanna "Hannah" Godfrey)
##	188	Romaine, Mr. Charles Hallace ("Mr C Rolmane")
##	191	Pinsky, Mrs. (Rosa)
##	193	Andersen-Jensen, Miss. Carla Christine Nielsine
##	194	Navratil, Master. Michel M
##	195	Brown, Mrs. James Joseph (Margaret Tobin)
##	196	Lurette, Miss. Elise
##	199	Madigan, Miss. Margaret "Maggie"
##	205	Cohen, Mr. Gurshon "Gus"
##	208	Albimona, Mr. Nassef Cassem
##	209	Carr, Miss. Helen "Ellen"
##	210	Blank, Mr. Henry
##	212	Cameron, Miss. Clear Annie
##	216	Newell, Miss. Madeleine
##	217	Honkanen, Miss. Eliina
##	219	Bazzani, Miss. Albina
	221	Sunderland, Mr. Victor Francis
##	225	Hoyt, Mr. Frederick Maxfield
	227	Mellors, Mr. William John
##	231	Harris, Mrs. Henry Birkhardt (Irene Wallach)
	234	Asplund, Miss. Lillian Gertrud
	238	Collyer, Miss. Marjorie "Lottie"
	242	Murphy, Miss. Katherine "Kate"
	248	Hamalainen, Mrs. William (Anna)
	249	Beckwith, Mr. Richard Leonard
	256	Touma, Mrs. Darwis (Hanne Youssef Razi)
	257	Thorne, Mrs. Gertrude Maybelle
	258	Cherry, Miss. Gladys
	259	Ward, Miss. Anna
	260	Parrish, Mrs. (Lutie Davis)
	262	Asplund, Master. Edvin Rojj Felix
	268	Persson, Mr. Ernst Ulrik
	269	Graham, Mrs. William Thompson (Edith Junkins)
	270	Bissette, Miss. Amelia
	272	Tornquist, Mr. William Henry
	273	Mellinger, Mrs. (Elizabeth Anne Maidment)
	275	Healy, Miss. Hanora "Nora"
	276	Andrews, Miss. Kornelia Theodosia
ππ	210	Andrews, Miss. Normeria ineodosia

	280	Abbott, Mrs. Stanton (Rosa Hunt)
	284	Dorking, Mr. Edward Arthur
	287	de Mulder, Mr. Theodore
	289	Hosono, Mr. Masabumi
	290	Connolly, Miss. Kate
	291	Barber, Miss. Ellen "Nellie"
	292	Bishop, Mrs. Dickinson H (Helen Walton)
	299 300	Saalfeld, Mr. Adolphe
	301	Baxter, Mrs. James (Helene DeLaudeniere Chaput) Kelly, Miss. Anna Katherine "Annie Kate"
	302	McCoy, Mr. Bernard
	304	Keane, Miss. Nora A
	306	Allison, Master. Hudson Trevor
	307	Fleming, Miss. Margaret
		Penasco y Castellana, Mrs. Victor de Satode (Maria Josefa Perez de Soto y Vallejo)
	310	Francatelli, Miss. Laura Mabel
	311	Hays, Miss. Margaret Bechstein
	312	Ryerson, Miss. Emily Borie
	316	Nilsson, Miss. Helmina Josefina
##	317	Kantor, Mrs. Sinai (Miriam Sternin)
##	319	Wick, Miss. Mary Natalie
##	320	Spedden, Mrs. Frederic Oakley (Margaretta Corning Stone)
##	323	Slayter, Miss. Hilda Mary
##	324	Caldwell, Mrs. Albert Francis (Sylvia Mae Harbaugh)
##	326	Young, Miss. Marie Grice
##	328	Ball, Mrs. (Ada E Hall)
##	329	Goldsmith, Mrs. Frank John (Emily Alice Brown)
	330	Hippach, Miss. Jean Gertrude
	331	McCoy, Miss. Agnes
	335	Frauenthal, Mrs. Henry William (Clara Heinsheimer)
	338	Burns, Miss. Elizabeth Margaret
	339	Dahl, Mr. Karl Edwart
	341	Navratil, Master. Edmond Roger
	342	Fortune, Miss. Alice Elizabeth
	346 347	Brown, Miss. Amelia "Mildred"
	348	Smith, Miss. Marion Elsie
	349	Davison, Mrs. Thomas Henry (Mary E Finck) Coutts, Master. William Loch "William"
	357	Bowerman, Miss. Elsie Edith
	359	McGovern, Miss. Easte Euron
	360	Mockler, Miss. Helen Mary "Ellie"
	367	Warren, Mrs. Frank Manley (Anna Sophia Atkinson)
	368	Moussa, Mrs. (Mantoura Boulos)
	369	Jermyn, Miss. Annie
	370	Aubart, Mme. Leontine Pauline
	371	Harder, Mr. George Achilles
##	376	Meyer, Mrs. Edgar Joseph (Leila Saks)
##	377	Landergren, Miss. Aurora Adelia
##	381	Bidois, Miss. Rosalie
##	382	Nakid, Miss. Maria ("Mary")
##	384	Holverson, Mrs. Alexander Oskar (Mary Aline Towner)
	388	Buss, Miss. Kate
##	390	Lehmann, Miss. Bertha
##	391	Carter, Mr. William Ernest

392	Jansson, Mr. Carl Olof
394	Newell, Miss. Marjorie
395	Sandstrom, Mrs. Hjalmar (Agnes Charlotta Bengtsson)
400	Trout, Mrs. William H (Jessie L)
401	Niskanen, Mr. Juha
408	Richards, Master. William Rowe
413	Minahan, Miss. Daisy E
415	Sundman, Mr. Johan Julian
417	Drew, Mrs. James Vivian (Lulu Thorne Christian)
418	Silven, Miss. Lyyli Karoliina
427	Clarke, Mrs. Charles V (Ada Maria Winfield)
428	Phillips, Miss. Kate Florence ("Mrs Kate Louise Phillips Marshall")
430	Pickard, Mr. Berk (Berk Trembisky)
431	Bjornstrom-Steffansson, Mr. Mauritz Hakan
432	Thorneycroft, Mrs. Percival (Florence Kate White)
433	Louch, Mrs. Charles Alexander (Alice Adelaide Slow)
436	Carter, Miss. Lucile Polk
438	Richards, Mrs. Sidney (Emily Hocking)
441	Hart, Mrs. Benjamin (Esther Ada Bloomfield)
444	Reynaldo, Ms. Encarnacion
445	Johannesen-Bratthammer, Mr. Bernt
446	Dodge, Master. Washington
447	Mellinger, Miss. Madeleine Violet
448	Seward, Mr. Frederic Kimber
449	Baclini, Miss. Marie Catherine
450	Peuchen, Major. Arthur Godfrey
454	Goldenberg, Mr. Samuel L
456	Jalsevac, Mr. Ivan
458	Kenyon, Mrs. Frederick R (Marion)
459 461	Toomey, Miss. Ellen
470	Anderson, Mr. Harry
473	Baclini, Miss. Helene Barbara West, Mrs. Edwy Arthur (Ada Mary Worth)
474	Jerwan, Mrs. Amin S (Marie Marthe Thuillard)
480	Hirvonen, Miss. Hildur E
484	Turkula, Mrs. (Hedwig)
485	Bishop, Mr. Dickinson H
487	Hoyt, Mrs. Frederick Maxfield (Jane Anne Forby)
490	Coutts, Master. Eden Leslie "Neville"
497	Eustis, Miss. Elizabeth Mussey
505	Maioni, Miss. Roberta
507	Quick, Mrs. Frederick Charles (Jane Richards)
508	Bradley, Mr. George ("George Arthur Brayton")
510	Lang, Mr. Fang
511	Daly, Mr. Eugene Patrick
513	McGough, Mr. James Robert
514	Rothschild, Mrs. Martin (Elizabeth L. Barrett)
517	Lemore, Mrs. (Amelia Milley)
519	Angle, Mrs. William A (Florence "Mary" Agnes Hughes)
521	Perreault, Miss. Anne
524	Hippach, Mrs. Louis Albert (Ida Sophia Fischer)
527	Ridsdale, Miss. Lucy
531	Quick, Miss. Phyllis May
534	Peter, Mrs. Catherine (Catherine Rizk)
	,

	536	Hart, Miss. Eva Miriam
	538	LeRoy, Miss. Bertha
	540 541	Frolicher, Miss. Hedwig Margaritha
	544	Crosby, Miss. Harriet R Beane, Mr. Edward
	547	Beane, Mrs. Edward (Ethel Clarke)
	548	Padro y Manent, Mr. Julian
	550	Davies, Master. John Morgan Jr
	551	Thayer, Mr. John Borland Jr
	554	Leeni, Mr. Fahim ("Philip Zenni")
	555	Ohman, Miss. Velin
	557	Duff Gordon, Lady. (Lucille Christiana Sutherland) ("Mrs Morgan")
##	559	Taussig, Mrs. Emil (Tillie Mandelbaum)
##	560	de Messemaeker, Mrs. Guillaume Joseph (Emma)
##	570	Jonsson, Mr. Carl
##	571	Harris, Mr. George
##	572	Appleton, Mrs. Edward Dale (Charlotte Lamson)
	573	Flynn, Mr. John Irwin ("Irving")
	574	Kelly, Miss. Mary
	577	Garside, Miss. Ethel
	578	Silvey, Mrs. William Baird (Alice Munger)
	580	Jussila, Mr. Eiriik
	581	Christy, Miss. Julie Rachel
	582	Thayer, Mrs. John Borland (Marian Longstreth Morris)
	586	Taussig, Miss. Ruth
	588	Frolicher-Stehli, Mr. Maxmillian
	592 597	Stephenson, Mrs. Walter Bertram (Martha Eustis) Leitch, Miss. Jessie Wills
	600	Duff Gordon, Sir. Cosmo Edmund ("Mr Morgan")
	601	Jacobsohn, Mrs. Sidney Samuel (Amy Frances Christy)
	605	Homer, Mr. Harry ("Mr E Haven")
	608	Daniel, Mr. Robert Williams
	609	Laroche, Mrs. Joseph (Juliette Marie Louise Lafargue)
##	610	Shutes, Miss. Elizabeth W
##	613	Murphy, Miss. Margaret Jane
##	616	Herman, Miss. Alice
##	619	Becker, Miss. Marion Louise
##	622	Kimball, Mr. Edwin Nelson Jr
	623	Nakid, Mr. Sahid
	628	Longley, Miss. Gretchen Fiske
	631	Barkworth, Mr. Algernon Henry Wilson
	633	Stahelin-Maeglin, Dr. Max
	636	Davis, Miss. Mary
	642	Sagesser, Mlle. Emma
	644	Foo, Mr. Choong
	645	Baclini, Miss. Eugenie
	646	Harper, Mr. Henry Sleeper
	648 650	Simonius-Blumer, Col. Oberst Alfons
	650 652	Stanley, Miss. Amy Zillah Elsie
	652 654	Doling, Miss. Elsie O'Leary, Miss. Hanora "Norah"
	661	Frauenthal, Dr. Henry William
	665	Lindqvist, Mr. Eino William
	670	Taylor, Mrs. Elmer Zebley (Juliet Cummins Wright)
	0.0	12,121, 111. Dimot 20010y (Outlier Summing Wilght)

## 671	Brown, Mrs. Thomas William Solomon (Elizabeth Catherine Ford)
## 674	Wilhelms, Mr. Charles
## 678	Turja, Miss. Anna Sofia
## 680	Cardeza, Mr. Thomas Drake Martinez
## 682	Hassab, Mr. Hammad
## 690	Madill, Miss. Georgette Alexandra
## 691	Dick, Mr. Albert Adrian
## 692	Karun, Miss. Manca
## 693	Lam, Mr. Ali
## 698	Mullens, Miss. Katherine "Katie"
## 701	Astor, Mrs. John Jacob (Madeleine Talmadge Force)
## 702	Silverthorne, Mr. Spencer Victor
## 707	Kelly, Mrs. Florence "Fannie"
## 708	Calderhead, Mr. Edward Pennington
## 709 ## 740	Cleaver, Miss. Alice
## 710 "" 744	Moubarek, Master. Halim Gonios ("William George")
## 711	Mayne, Mlle. Berthe Antonine ("Mrs de Villiers")
## 713 ## 717	Taylor, Mr. Elmer Zebley
## 717 ## 719	Endres, Miss. Caroline Louise
## 718 ## 701	Troutt, Miss. Edwina Celia "Winnie"
## 721 ## 725	Harper, Miss. Annie Jessie "Nina"
## 725 ## 727	Chambers, Mr. Norman Campbell
## 727 ## 728	Renouf, Mrs. Peter Henry (Lillian Jefferys) Mannion, Miss. Margareth
## 728 ## 731	Allen, Miss. Elisabeth Walton
## 738	Lesurer, Mr. Gustave J
## 741	Hawksford, Mr. Walter James
## 743	Ryerson, Miss. Susan Parker "Suzette"
## 745	Stranden, Mr. Juho
## 748	Sinkkonen, Miss. Anna
## 751	Wells, Miss. Joan
## 752	Moor, Master. Meier
## 755	Herman, Mrs. Samuel (Jane Laver)
## 756	Hamalainen, Master. Viljo
## 760	Rothes, the Countess. of (Lucy Noel Martha Dyer-Edwards)
## 763	Barah, Mr. Hanna Assi
## 764	Carter, Mrs. William Ernest (Lucile Polk)
## 766	Hogeboom, Mrs. John C (Anna Andrews)
## 775	Hocking, Mrs. Elizabeth (Eliza Needs)
## 778	Emanuel, Miss. Virginia Ethel
## 780	Robert, Mrs. Edward Scott (Elisabeth Walton McMillan)
## 781	Ayoub, Miss. Banoura
## 782	Dick, Mrs. Albert Adrian (Vera Gillespie)
## 787	Sjoblom, Miss. Anna Sofia
## 789	Dean, Master. Bertram Vere
## 797	Leader, Dr. Alice (Farnham)
## 798	Osman, Mrs. Mara
## 802	Collyer, Mrs. Harvey (Charlotte Annie Tate)
## 803	Carter, Master. William Thornton II
## 804	Thomas, Master. Assad Alexander
## 805	Hedman, Mr. Oskar Arvid
## 810	Chambers, Mrs. Norman Campbell (Bertha Griggs)
## 821	Hays, Mrs. Charles Melville (Clara Jennings Gregg)
## 822	Lulic, Mr. Nikola

```
## 824
                                                                           Moor, Mrs. (Beila)
## 828
                                                                        Mallet, Master. Andre
## 829
                                                                McCormack, Mr. Thomas Joseph
## 830
                                                   Stone, Mrs. George Nelson (Martha Evelyn)
## 831
                                                     Yasbeck, Mrs. Antoni (Selini Alexander)
## 832
                                                             Richards, Master. George Sibley
## 836
                                                                  Compton, Miss. Sara Rebecca
## 839
                                                                               Chip, Mr. Chang
## 840
                                                                         Marechal, Mr. Pierre
## 843
                                                                      Serepeca, Miss. Augusta
## 850
                                               Goldenberg, Mrs. Samuel L (Edwiga Grabowska)
                                                                    Lines, Miss. Mary Conover
## 854
## 856
                                                                   Aks, Mrs. Sam (Leah Rosen)
## 857
                                                 Wick, Mrs. George Dennick (Mary Hitchcock)
## 858
                                                                       Daly, Mr. Peter Denis
## 859
                                                       Baclini, Mrs. Solomon (Latifa Qurban)
## 863
                                        Swift, Mrs. Frederick Joel (Margaret Welles Barron)
## 866
                                                                     Bystrom, Mrs. (Karolina)
## 867
                                                                Duran y More, Miss. Asuncion
                                                              Johnson, Master. Harold Theodor
## 870
## 872
                                           Beckwith, Mrs. Richard Leonard (Sallie Monypeny)
## 875
                                                       Abelson, Mrs. Samuel (Hannah Wizosky)
## 876
                                                            Najib, Miss. Adele Kiamie "Jane"
## 880
                                              Potter, Mrs. Thomas Jr (Lily Alexenia Wilson)
## 881
                                               Shelley, Mrs. William (Imanita Parrish Hall)
## 888
                                                                 Graham, Miss. Margaret Edith
## 890
                                                                        Behr, Mr. Karl Howell
          Sex
                 Age SibSp Parch
                                             Ticket
                                                         Fare
                                                                         Cabin
## 2
       female 38.00
                                0
                                           PC 17599
                                                      71.2833
                                                                           C85
## 3
                                0
       female 26.00
                                   STON/02. 3101282
                                                       7.9250
## 4
       female 35.00
                                0
                                             113803
                                                      53.1000
                                                                          C123
##
  9
       female 27.00
                         0
                                2
                                             347742
                                                      11.1333
## 10
       female 14.00
                                             237736
                                                      30.0708
## 11
       female 4.00
                                            PP 9549
                                                      16.7000
                                                                            G6
                                1
                         1
##
   12
       female 58.00
                         0
                                0
                                             113783
                                                      26.5500
                                                                          C103
##
   16
       female 55.00
                         0
                                0
                                             248706
                                                      16.0000
## 18
         male
                         0
                                             244373
                                                      13.0000
## 20
       female
                         0
                                0
                                               2649
                                                       7.2250
                  NΑ
## 22
         male 34.00
                         0
                                0
                                             248698
                                                      13.0000
                                                                           D56
                                                       8.0292
##
  23
       female 15.00
                         0
                                0
                                             330923
  24
         male 28.00
                                                      35.5000
                                             113788
                                                                            A6
## 26
       female 38.00
                         1
                                5
                                             347077
                                                      31.3875
                                0
                                             330959
   29
       female
                         0
                                                       7.8792
##
                                0
                                                                           B78
  32
       female
                         1
                                           PC 17569
                                                    146.5208
##
  33
                                             335677
       female
                  NA
                                                       7.7500
## 37
                                0
                                                       7.2292
                         0
                                                2677
         male
                  NA
##
   40
       female 14.00
                         1
                                0
                                                2651
                                                      11.2417
## 44
       female
                                2
                                      SC/Paris 2123
               3.00
                                                      41.5792
   45
       female 19.00
                         0
                                0
                                             330958
                                                       7.8792
## 48
       female
                         0
                                0
                                               14311
                                                       7.7500
## 53
       female 49.00
                                0
                                           PC 17572
                                                      76.7292
                                                                           D33
                         1
## 54
       female 29.00
                                0
                                               2926
                                                      26.0000
## 56
         male
                  NΑ
                         0
                                0
                                               19947
                                                      35.5000
                                                                           C52
                         0
                                0
                                         C.A. 31026
## 57
       female 21.00
                                                     10.5000
```

##	59	female	5.00	1	2	C.A. 34651	27.7500	
##	62	${\tt female}$	38.00	0	0	113572	80.0000	B28
##	66	male	NA	1	1	2661	15.2458	
##	67	${\tt female}$	29.00	0	0	C.A. 29395	10.5000	F33
##	69	${\tt female}$	17.00	4	2	3101281	7.9250	
##	75	male	32.00	0	0	1601	56.4958	
##	79	male	0.83	0	2	248738	29.0000	
##	80	${\tt female}$	30.00	0	0	364516	12.4750	
##	82	male	29.00	0	0	345779	9.5000	
##	83	${\tt female}$	NA	0	0	330932	7.7875	
##	85	${\tt female}$	17.00	0	0	SO/C 14885	10.5000	
##	86	${\tt female}$	33.00	3	0	3101278	15.8500	
##	89	${\tt female}$	23.00	3	2	19950	263.0000	C23 C25 C27
##	98	male	23.00	0	1	PC 17759	63.3583	D10 D12
##	99	${\tt female}$	34.00	0	1	231919	23.0000	
##	107	${\tt female}$	21.00	0	0	343120	7.6500	
##	108	male	NA	0	0	312991	7.7750	
##	110	${\tt female}$	NA	1	0	371110	24.1500	
##	124	${\tt female}$	32.50	0	0	27267	13.0000	E101
##	126	male	12.00	1	0	2651	11.2417	
##	128	male	24.00	0	0	C 17369	7.1417	
##	129	${\tt female}$	NA	1	1	2668	22.3583	F E69
##	134	${\tt female}$	29.00	1	0	228414	26.0000	
##	137	${\tt female}$	19.00	0	2	11752	26.2833	D47
##	142	${\tt female}$	22.00	0	0	347081	7.7500	
##	143	${\tt female}$	24.00	1	0	STON/02. 3101279	15.8500	
##	147	male	27.00	0	0	350043	7.7958	
##	152	${\tt female}$	22.00	1	0	113776	66.6000	C2
##	157	${\tt female}$	16.00	0	0	35851	7.7333	
##	162	${\tt female}$	40.00	0	0	C.A. 33595	15.7500	
##	166	male	9.00	0	2	363291	20.5250	
##	167	${\tt female}$	NA	0	1	113505	55.0000	E33
##	173	${\tt female}$	1.00	1	1	347742	11.1333	
##	184	${\tt male}$	1.00	2	1	230136	39.0000	F4
##	185	female	4.00	0	2	315153	22.0250	
##		female	NA	1	0	370365	15.5000	
	188		45.00	0	0	111428	26.5500	
		female		0	0	234604	13.0000	
		female		1	0	350046	7.8542	
	194		3.00	1	1	230080		F2
		female		0	0	PC 17610	27.7208	B4
		female		0	0	PC 17569		B80
		female	NA	0	0	370370	7.7500	
	205		18.00	0	0	A/5 3540	8.0500	
	208		26.00	0	0	2699	18.7875	
		female		0	0	367231	7.7500	
	210		40.00	0	0	112277	31.0000	A31
		female		0	0	F.C.C. 13528	21.0000	
		female		1	0		113.2750	D36
		female		0	0	STON/02. 3101283	7.9250	.
		female		0	0	11813	76.2917	D15
	221		16.00	0	0	SOTON/OQ 392089		~ ~
	225		38.00	1	0	19943		C93
##	227	male	19.00	0	0	SW/PP 751	10.5000	

##	231	female	35.00	1	0	36973	83.4750	C83
##	234	female	5.00	4	2	347077	31.3875	
##	238	female	8.00	0	2	C.A. 31921	26.2500	
##	242	female	NA	1	0	367230	15.5000	
##	248	female	24.00	0	2	250649	14.5000	
##	249	male	37.00	1	1	11751	52.5542	D35
##	256	female	29.00	0	2	2650	15.2458	
##	257	female	NA	0	0	PC 17585	79.2000	
##	258	female	30.00	0	0	110152	86.5000	В77
##	259	female	35.00	0	0	PC 17755	512.3292	
##	260	female	50.00	0	1	230433	26.0000	
##	262	male	3.00	4	2	347077	31.3875	
##	268	male	25.00	1	0	347083	7.7750	
##	269	female	58.00	0	1	PC 17582	153.4625	C125
##	270	female	35.00	0	0	PC 17760	135.6333	C99
##	272	male	25.00	0	0	LINE	0.0000	
##	273	female	41.00	0	1	250644	19.5000	
##	275	female	NA	0	0	370375	7.7500	
##	276	female	63.00	1	0	13502	77.9583	D7
##	280	female	35.00	1	1	C.A. 2673	20.2500	
##	284	male	19.00	0	0	A/5. 10482	8.0500	
##	287	male	30.00	0	0	345774	9.5000	
##	289	male	42.00	0	0	237798	13.0000	
##	290	female	22.00	0	0	370373	7.7500	
##	291	female	26.00	0	0	19877	78.8500	
##	292	female	19.00	1	0	11967	91.0792	B49
##	299	male	NA	0	0	19988	30.5000	C106
##	300	${\tt female}$	50.00	0	1	PC 17558	247.5208	B58 B60
##	301	${\tt female}$	NA	0	0	9234	7.7500	
##	302	male	NA	2	0	367226	23.2500	
##	304	${\tt female}$	NA	0	0	226593	12.3500	E101
##	306	male	0.92	1	2	113781	151.5500	C22 C26
##	307	${\tt female}$	NA	0	0		110.8833	
##	308	${\tt female}$	17.00	1	0	PC 17758	108.9000	C65
##		${\tt female}$		0	0	PC 17485	56.9292	E36
##		female		0	0	11767		C54
		female		2	2			B57 B59 B63 B66
		${\tt female}$		0	0	347470	7.8542	
		female		1	0	244367		
		female		0	2		164.8667	C7
		female		1	1		134.5000	E34
		female		0	0	234818	12.3500	
		female		1	1	248738		
		female		0	0	PC 17760		C32
		female		0	0	28551	13.0000	D
		female		1	1	363291		
		female		0	1	111361		B18
		female	NA	2	0	367226		
		female	NA	1	0	PC 17611		
		female		0	0		134.5000	E40
	339		45.00	0	0	7598	8.0500	E0
	341	male		1	1	230080		F2
		female		3	2		263.0000	C23 C25 C27
##	346	female	24.00	0	0	248733	13.0000	F33

##	347	female	40.00	0	0	31418	13.0000	
##	348	female	NA	1	0	386525	16.1000	
##	349	male	3.00	1	1	C.A. 37671	15.9000	
##	357	female	22.00	0	1	113505	55.0000	E33
		female	NA	0	0	330931	7.8792	
		female	NA	0	0	330980	7.8792	
##	367	female	60.00	1	0	110813	75.2500	D37
##	368	female	NA	0	0	2626	7.2292	
##	369	female	NA	0	0	14313	7.7500	
##	370	female		0	0	PC 17477	69.3000	B35
	371		25.00	1	0	11765	55.4417	E50
		female	NA	1	0	PC 17604	82.1708	
##		female		0	0	C 7077	7.2500	
##	381	female	42.00	0	0	PC 17757	227.5250	
##	382	female	1.00	0	2	2653	15.7417	
##	384	female	35.00	1	0	113789	52.0000	
		female		0	0	27849	13.0000	
##	390	female	17.00	0	0	SC 1748	12.0000	
##	391	male	36.00	1	2	113760	120.0000	B96 B98
##	392	${\tt male}$	21.00	0	0	350034	7.7958	
##	394	${\tt female}$	23.00	1	0	35273	113.2750	D36
##	395	female	24.00	0	2	PP 9549	16.7000	G6
##	400	female	28.00	0	0	240929	12.6500	
##	401	male	39.00	0	0	STON/O 2. 3101289	7.9250	
##	408	male	3.00	1	1	29106	18.7500	
##	413	${\tt female}$	33.00	1	0	19928	90.0000	C78
##	415	male	44.00	0	0	STON/O 2. 3101269	7.9250	
		${\tt female}$		1	1	28220	32.5000	
		female		0	2	250652	13.0000	
##	427	female	28.00	1	0	2003	26.0000	
##	428	female	19.00	0	0	250655	26.0000	
##	430	male	32.00	0	0	SOTON/O.Q. 392078	8.0500	E10
##	431	male	28.00	0	0	110564	26.5500	C52
##	432	female	NA	1	0	376564	16.1000	
		female		1	0	SC/AH 3085	26.0000	
		female		1	2		120.0000	B96 B98
		female		2	3	29106	18.7500	
		female		1	1	F.C.C. 13529	26.2500	
		female		0	0	230434	13.0000	
	445	male	NA	0	0	65306	8.1125	
	446	male	4.00	0	2	33638	81.8583	A34
		female		0	1	250644	19.5000	
	448		34.00	0	0	113794	26.5500	
		female		2	1	2666	19.2583	
	450		52.00	0	0	113786	30.5000	C104
	454		49.00	1	0	17453	89.1042	C92
	456		29.00	0	0	349240	7.8958	
		female	NA	1	0	17464	51.8625	D21
		female		0	0	F.C.C. 13531	10.5000	_
	461		48.00	0	0	19952	26.5500	E12
		female		2	1	2666	19.2583	
		female		1	2	C.A. 34651	27.7500	
		female		0	0	SC/AH Basle 541	13.7917	D
##	480	female	2.00	0	1	3101298	12.2875	

##	484	female	63.00	0	0	4134	9.5875	
##	485	male	25.00	1	0	11967	91.0792	B49
##	487	female	35.00	1	0	19943	90.0000	C93
##	490	male	9.00	1	1	C.A. 37671	15.9000	
##	497	female	54.00	1	0	36947	78.2667	D20
##	505	female	16.00	0	0	110152	86.5000	B79
##	507	female	33.00	0	2	26360	26.0000	
##	508	male	NA	0	0	111427	26.5500	
##	510	male	26.00	0	0	1601	56.4958	
##	511	male	29.00	0	0	382651	7.7500	
##	513	male	36.00	0	0	PC 17473	26.2875	E25
##	514	${\tt female}$	54.00	1	0	PC 17603	59.4000	
##	517	${\tt female}$	34.00	0	0	C.A. 34260	10.5000	F33
##	519	female	36.00	1	0	226875	26.0000	
##	521	${\tt female}$	30.00	0	0	12749	93.5000	B73
##	524	${\tt female}$	44.00	0	1	111361	57.9792	B18
##	527	${\tt female}$	50.00	0	0	W./C. 14258	10.5000	
##	531	${\tt female}$	2.00	1	1	26360	26.0000	
##	534	${\tt female}$	NA	0	2	2668	22.3583	
##	536	${\tt female}$	7.00	0	2	F.C.C. 13529	26.2500	
##	538	${\tt female}$	30.00	0	0	PC 17761	106.4250	
##	540	${\tt female}$	22.00	0	2	13568	49.5000	B39
##	541	${\tt female}$	36.00	0	2	WE/P 5735	71.0000	B22
##	544	male	32.00	1	0	2908	26.0000	
##	547	${\tt female}$	19.00	1	0	2908	26.0000	
##	548	male	NA	0	0	SC/PARIS 2146	13.8625	
##	550	male	8.00	1	1	C.A. 33112	36.7500	
##	551	male	17.00	0	2	17421	110.8833	C70
##	554		22.00	0	0	2620	7.2250	
##		female		0	0	347085	7.7750	
##		female		1	0	11755	39.6000	A16
##		female		1	1	110413	79.6500	E67
##		female		1	0	345572	17.4000	
	570		32.00	0	0	350417	7.8542	
	571		62.00	0	0	S.W./PP 752	10.5000	
##		female		2	0	11769	51.4792	C101
	573		36.00	0	0	PC 17474	26.3875	E25
##		female	NA	0	0	14312	7.7500	
		female		0	0	243880	13.0000	744
		female		1	0	13507	55.9000	E44
	580		32.00	0	0	STON/O 2. 3101286	7.9250	
		female		1	1	237789	30.0000	222
		female		1	1		110.8833	C68
		female		0	2	110413	79.6500	E68
	588		60.00	1	1	13567	79.2000	B41
		female		1	0	36947	78.2667	D20
		female	NA	0	0	248727	33.0000	100
	600		49.00	1	0	PC 17485	56.9292	A20
##		female		2	1	243847	27.0000	
	605		35.00	0	0	111426	26.5500	
	608	female	27.00	0 1	0 2	113804 SC/Paris 2123	30.5000	
		female		0	0	PC 17582	41.5792	C125
		female	40.00 NA	1	0	367230	153.4625	0125
##	013	тешате	AVI	Т	U	307230	15.5000	

##	616	female	24 00	1	2	220845	65.0000	
		female		2	1	230136	39.0000	F4
	622		42.00	1	0	11753	52.5542	D19
	623		20.00	1	1	2653	15.7417	DIS
		female		0	0	13502	77.9583	D9
	631		80.00	0	0	27042	30.0000	A23
	633		32.00	0	0	13214	30.5000	B50
		female		0	0	237668	13.0000	200
		female		0	0	PC 17477	69.3000	B35
##	644	male	NA	0	0	1601	56.4958	Воо
		female	0.75	2	1	2666	19.2583	
##	646		48.00	1	0	PC 17572	76.7292	D33
##	648		56.00	0	0	13213	35.5000	A26
##		female		0	0	CA. 2314	7.5500	RZ0
##		female		0	1	231919	23.0000	
##		female	NA	0	0	330919	7.8292	
##	661		50.00	2	0	PC 17611		
##	665		20.00	1		STON/O 2. 3101285	7.9250	
##		female	NA	1	0	19996	52.0000	C126
##		female		1	1	29750	39.0000	0120
	674		31.00	0	0	244270	13.0000	
		female		0	0	4138	9.8417	
	680		36.00	0	1	PC 17755		B51 B53 B55
	682		27.00	0	0	PC 17733	76.7292	D49
		female		0	1		211.3375	B5
	691		31.00	1	0	17474	57.0000	B20
		female	4.00	0	1	349256	13.4167	D20
	693	male	NA	0	0	1601	56.4958	
		female	NA NA	0	0	35852	7.7333	
##		female		1	0	PC 17757		C62 C64
##	702		35.00	0	0	PC 17475	26.2875	E24
##		female		0	0	223596	13.5000	124
##	708		42.00	0	0	PC 17476	26.2875	E24
##		female		0	0		151.5500	LZT
##	710	male	NA	1	1	2661	15.2458	
##		female		0	0	PC 17482	49.5042	C90
	713		48.00	1	0	19996	52.0000	C126
		female		0	0	PC 17757		C45
		female		0	0	34218		E101
		female		0	1	248727		2101
	725		27.00	1	0	113806		E8
		female		3	0	31027		
		female	NA	0	0	36866	7.7375	
		female		0	0		211.3375	В5
	738		35.00	0	0	PC 17755		B101
##	741	male	NA	0	0	16988	30.0000	D45
##	743	female	21.00	2	2			B57 B59 B63 B66
	745		31.00	0		STON/O 2. 3101288	7.9250	
		female		0	0	250648		
		female		1	1	29103		
	752	male		0	1	392096	12.4750	E121
		female		1	2	220845		
	756		0.67	1	1	250649		
		female		0	0	110152	86.5000	В77

##	763	male	20.00	0	0	2663	7.2292	
		female		1	2		120.0000	B96 B98
##	766	female	51.00	1	0	13502	77.9583	D11
##	775	female	54.00	1	3	29105	23.0000	
##	778	female	5.00	0	0	364516	12.4750	
##	780	female	43.00	0	1		211.3375	вз
		female		0	0	2687	7.2292	
		female		1	0	17474	57.0000	B20
		female		0	0	3101265	7.4958	
##	789	male	1.00	1	2	C.A. 2315	20.5750	
##	797	female		0	0	17465	25.9292	D17
##		female		0	0	349244	8.6833	
##	802	female	31.00	1	1	C.A. 31921	26.2500	
	803		11.00	1	2		120.0000	B96 B98
	804	male	0.42	0	1	2625	8.5167	
	805		27.00	0	0	347089	6.9750	
		female		1	0	113806	53.1000	E8
		female		1	1	12749	93.5000	B69
	822		27.00	0	0	315098	8.6625	200
		female		0	1	392096	12.4750	E121
	828	male	1.00	0	2	S.C./PARIS 2079	37.0042	
	829	male	NA	0	0	367228	7.7500	
		female		0	0	113572	80.0000	B28
		female		1	0	2659	14.4542	220
	832	male	0.83	1	1	29106	18.7500	
		female		1	1	PC 17756	83.1583	E49
	839		32.00	0	0	1601	56.4958	210
	840	male	NA	0	0	11774	29.7000	C47
		female		0	0	113798	31.0000	011
		female	NA	1	0	17453	89.1042	C92
		female		0	1	PC 17592	39.4000	D28
		female		0	1	392091	9.3500	220
		female		1	1		164.8667	
	858		51.00	0	0	113055	26.5500	E17
		female		0	3	2666	19.2583	211
##		female		0	0	17466	25.9292	D17
		female		0	0	236852	13.0000	211
		female		1	0	SC/PARIS 2149	13.8583	
	870	male	4.00	1	1	347742	11.1333	
		female		1	1	11751	52.5542	D35
		female		1	0	P/PP 3381	24.0000	200
		female		0	0	2667	7.2250	
		female		0	1	11767	83.1583	C50
		female		0	1	230433	26.0000	000
		female		0	0	112053	30.0000	B42
	890		26.00	0	0	111369	30.0000	C148
##		Embarke		Ŭ	Ŭ	111000	20.000	0110
##	2		C					
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## # # # # # # # # # # # # # # # # # #	16 18 20 22 23 24 26 29 32 33 37 40 44	88686886666666
## ##	48 53	Q C
##	54	S
##	56	S
##	57	S
##	59	S
##	62	~
##	66 67	C
## ##	69	S
##	75	S
##	79	S S S
##	80	S
##	82	S
##	83	Q
##	85	S
##	86	S
##	89	S
##	98	C
##	99	S
## ##	107 108	S S
##	110	رم Q
##	124	S S
##	126	C
##	128	S
##	129	С
##	134	S
##	137	S
##	142	S
##	143	S
##	147	S
##	152	S
##	157	Q
## ##	162 166	S S
##	167	S
##	173	S
##	184	S
##	185	S

## ## ## ## ## ## ##	187 188 191 193 194 195 196 199 205 208 209	Q
##	210	C
##	212	S
##	216	C S
## ##	217219	C
##	219	S
##	225	S
##	227	S
##	231	S
##	234	S
##	238	S
##	242	Q
##	248	S
##	249	S
##	256	С
##	257	C
##	258	S
##	259	C S
## ##	260 262	S
##	268	S
##	269	S
##	270	S
##	272	S
##	273	S
##	275	Q
##	276	S
##	280	S
##	284	S
##	287	S
##	289	S
##	290	Q
##	291 292	S C
## ##	292	S
##	300	C
##	301	Q
##	302	Q
##	304	Q
##	306	S
##	307	С
##	308	С
##	310	С

311		С
312		С
316		S
317		S
319		S
320		С
		Q
		S
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##	436	S
##	438	S
##	441	S
##	444	S
##	445	S
##	446	S
##	447	S
##	448	S
##	449	C
##	450	S
##	454	С
##	456	С
##	458	S
##	459	S
##	461	S
##	470	С
##	473	S
##	474	С
##	480	S
##	484	S
##	485	C
##	487	S
##	490	S
##	497	C
##	505	S
##	507	S S
##	508	
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##	511 513	Q S
## ##	514	C
##	517	S
##	519	S
##	521	S
##	524	C
##	527	S
##	531	S
##	534	С
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##	538	С
##	540	С
##	541	S
##	544	S
##	547	S
##	548	С
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##	551	С
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##	559	S
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##	570	S
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##	572	S
##	573	S
##	574	Q
##	577	S
##	578	S
##	580	S
##	581	S
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##	586	S
##	588	C
##	592	C
##	597	S
##	600	C
##	601	S
##	605	C
##	608	S
##	609	C
##	610	S
##	613	Q
##	616	ď
##	619	g
##	622	\$ \$ \$ C
##	623	C
##	628	ď
##	631	g
##	633	C
##	636	q
##	642	C
##	644	ď
##	645	C
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##	648	c
##	650	$\label{eq:substantial} S \ S \ C \ S \ C \ S \ C \ C \ C \ S \ S$
##	652	g
##	654	U
##	661	q
##	665	S
##	670	S
##	671	S
##	674	S
##	678	S
##	680	C
##	682	C
##	690	S
##	691	S
##	692	C
##	693	S
##	698	Q
##	701	C
##	702	S
##	707	S
##	708	S
##	709	S
##	710	C
	. 10	J

##	711	C
##	713	S
##	717	C
##	718	S
##	721	S
##	725	S
##	727	S
##	728	Q
##	731	S
##	738	C
##	741	S
##	743	C
##	745	S
##	748	S
##	751	S
##	752	S
##	755	S
##	756	S
##	760	S
##	763	-
##	764	S S
##	766	S
##	775 778	S
##	780	S
##	781	C
##	782	S
##	787	S
##	789	S
##	797	S
##	798	S
##	802	S
##	803	S
##	804	C
##	805	S
##	810	S
##	821	S
##	822	S
##	824	S
##	828	C
##	829	Q
##	830	
##	831	C
##	832	S
##	836	C
##	839	S
##	840	C
##	843	C
##	850	C
##	854	S
##	856	S
##	857	S
##	858	S
##	859	C

```
## 863
              S
## 866
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              С
## 875
              С
## 876
## 880
              С
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## 881
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              S
              С
## 890
```

print(didnt_survive)

##		PassengerId	Survived	Pclass
##	1	1	0	3
##	5	5	0	3
##	6	6	0	3
##	7	7	0	1
##	8	8	0	3
##	13	13	0	3
##	14	14	0	3
##	15	15	0	3
##	17	17	0	3
##	19	19	0	3
##	21	21	0	2
##	25	25	0	3
##	27	27	0	3
##	28	28	0	1
##	30	30	0	3
##	31	31	0	1
##	34	34	0	2
##	35	35	0	1
##	36	36	0	1
##	38	38	0	3
##	39	39	0	3
##	41	41	0	3
##	42	42	0	2
##	43	43	0	3
##	46	46	0	3
##	47	47	0	3
##	49	49	0	3
##	50	50	0	3
##	51	51	0	3
##	52	52	0	3
##	55	55	0	1
##	58	58	0	3
##	60	60	0	3
##	61	61	0	3
##	63	63	0	1
##	64	64	0	3
##	65	65	0	1
##	68	68	0	3
##	70	70	0	3
##	71	71	0	2

шш	70	70	^	2
##	72	72	0	3
##	73	73	0	2
##	74	74	0	3
##	76	76	0	3
##	77	77	0	3
##	78	78	0	3
##	81	81	0	3
##	84	84	0	1
##	87	87	0	3
##	88	88	0	3
##	90	90	0	3
##	91	91	0	3
##	92	92	0	3
##	93	93	0	1
##	94	94	0	3
##	95	95	0	3
##	96	96	0	3
##	97	97 100	0	1
##	100 101	100	0	2
## ##	101	101	0 0	3
##	102	102	0	1
##	103	103	0	3
##	105	104	0	3
##	106	106	0	3
##	109	109	0	3
##	111	111	0	1
##	112	112	0	3
##	113	113	0	3
##	114	114	0	3
##	115	115	0	3
##	116	116	0	3
##	117	117	0	3
##	118	118	0	2
##	119	119	0	1
##	120	120	0	3
##	121	121	0	2
##	122	122	0	3
##	123	123	0	2
##	125	125	0	1
##	127	127	0	3
##	130	130	0	3
##	131	131	0	3
##	132	132	0	3
##	133	133	0	3
##	135	135	0	2
##	136	136	0	2
##	138	138	0	1
##	139	139	0	3
##	140	140	0	1
##	141	141	0	3
##	144	144	0	3
##	145	145	0	2
##	146	146	0	2

	4.40	4.40	•	_
##	148	148	0	3
##	149	149	0	2
##	150	150	0	2
##	151	151	0	2
##	153	153	0	3
##	154	154	0	3
##	155	155	0	3
##	156	156	0	1
	158			
##		158	0	3
##	159	159	0	3
##	160	160	0	3
##	161	161	0	3
##	163	163	0	3
##	164	164	0	3
##	165	165	0	3
##	168	168	0	3
##	169	169	0	1
##	170	170	0	3
##	171	171	0	1
##	172	172	0	3
##	174	174	0	3
##	175	175	0	1
##	176	176	0	3
##	177	177	0	3
##	178	178	0	1
##	179	179	0	2
##	180	180	0	3
##	181	181	0	3
##	182	182	0	2
##	183	183	0	3
##	186	186	0	1
##	189	189	0	3
##	190	190	0	3
##	192	192	0	2
##	197	197	0	3
##	198	198	0	3
##	200	200	0	2
##	201	201	0	3
##	202	202	0	3
##	203	203	0	3
##	204	204	0	3
##	206	206	0	3
##	207	207	0	3
##	211	211	0	3
##	213	213	0	3
##	214	214	0	2
##	215	215	0	3
##	218	218	0	2
##	220	220	0	2
##	222	222	0	2
##	223	223	0	3
##	224	224	0	3
##	226	226	0	3
##	228	228	0	3

## 229	229	0	2
## 230	230	0	3
## 232	232	0	3
## 233	233	0	2
## 235	235	0	2
## 236	236	0	3
## 237	237	0	2
## 239	239	0	2
## 240	239	0	2
			3
## 241	241	0	
## 243	243	0	2
## 244	244	0	3
## 245	245	0	3
## 246	246	0	1
## 247	247	0	3
## 250	250	0	2
## 251	251	0	3
## 252	252	0	3
## 253	253	0	1
## 254	254	0	3
## 255	255	0	3
## 261	261	0	3
## 263	263	0	1
## 264	264	0	1
## 265	265	0	3
## 266	266	0	2
## 267	267	0	3
## 271	271	0	1
## 274	274	0	1
## 277	277	0	3
## 278	278	0	2
## 279	279	0	3
## 281	281	0	3
## 282	282	0	3
## 283	283	0	3
## 285	285	0	1
## 286	286	0	3
## 288	288	0	_
## 293	293	0	3 2
## 294	294	0	3
## 295	295	0	3
## 296	296	0	1
## 297	297	0	3
## 298	298	0	1
## 303	303	0	3
## 305	305	0	3
## 309	309	0	2
## 313	313	0	2
## 314	314	0	3
## 315	315	0	2
## 318	318	0	2
## 321	321	0	3
## 322	322	0	3
## 325	325	0	3

## 327	327	0	3
## 332	332	0	1
## 333	333	0	1
## 334	334	0	3
## 336	336	0	3
	337	0	1
## 340	340	0	1
## 343	343	0	2
## 344	344	0	2
## 345	345	0	2
## 350	350	0	3
## 351	351	0	3
## 352	352	0	1
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## 419	419	0	2
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##	465	465	0	3
##	466	466	0	3
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##	483	483	0	2
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##	658	658	0	3
##	659	659	0	2
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##	664	664	0	3
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##	675	675 676	0	2
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##	703	703	0	3
##	704	704	0	3
##	705	705	0	3
##	706	706	0	2
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##	715	715	0	2
##	716	716	0	3
##	719	719	0	3
##	720	720	0	3
##	722	722	0	3
##	723	723	0	2
##	724	724	0	2
##	726	726	0	3
##	729	729	0	2
##	730	730	0	3
##	732	732	0	3
##	733	733	0	2
##	734	734	0	2
##	735	735	0	2
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##	742	742	0	1
##	744	744	0	3
##	746	746	0	1
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##	754	754	0	3
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##	768	768	0	3
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## 774	774	0	3
## 776	776	0	3
## 777	777	0	3
## 779	779	0	3
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## 784	784	0	3
## 785	785	0	3
## 786	786	0	3
## 788	788	0	3
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## 796	796	0	2
## 799	799	0	3
## 800	800	0	3
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## 806	806	0	3
## 807	807	0	1
## 808	808	0	3
## 809	809	0	2
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## 813	813	0	2
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## 818	818	0	2
## 819	819	0	3
## 820	820	0	3
## 823	823	0	1
## 825	825	0	3
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## 826	826	0	3
## 827	827	0	3
## 833	833	0	3
## 834	834	0	3
## 835	835	0	3
## 837	837	0	3
## 838	838	0	3
## 841	841	0	3
## 842	842	0	2
## 844	844	0	3
## 845	845	0	3
			3
## 846	846	0	
## 847	847	0	3
## 848	848	0	3
## 849	849	0	2
## 851	851	0	3
## 852	852	0	3
ππ ΟΟΖ	002	U	S

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## 853
                853
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                                   3
## 855
                855
                            0
                                   2
## 860
                860
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## 861
                861
                                   2
## 862
                862
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## 864
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                                   3
                864
## 865
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                                   2
                865
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## 868
                868
                                   1
## 869
                869
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                                   3
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## 871
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## 873
                873
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                                   1
                            0
                                   3
## 874
                874
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## 877
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## 878
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                            0
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## 879
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## 882
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## 883
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## 884
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## 885
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## 886
                886
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## 887
                887
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                                   2
## 889
                889
                            0
                                   3
                                   3
## 891
                891
                            0
##
                                                                Name
                                                                         Sex Age SibSp
## 1
                                            Braund, Mr. Owen Harris
                                                                        male 22.0
## 5
                                           Allen, Mr. William Henry
                                                                        male 35.0
                                                                                       0
## 6
                                                   Moran, Mr. James
                                                                        male
                                                                               NA
                                                                                       0
## 7
                                            McCarthy, Mr. Timothy J
                                                                        male 54.0
                                                                                       0
## 8
                                    Palsson, Master. Gosta Leonard
                                                                        male 2.0
                                                                                       3
                                    Saundercock, Mr. William Henry
## 13
                                                                        male 20.0
                                                                                       0
## 14
                                       Andersson, Mr. Anders Johan
                                                                        male 39.0
                                                                                       1
## 15
                              Vestrom, Miss. Hulda Amanda Adolfina female 14.0
                                                                                       0
## 17
                                               Rice, Master. Eugene
                                                                        male
## 19
         Vander Planke, Mrs. Julius (Emelia Maria Vandemoortele) female 31.0
                                                                                       1
## 21
                                               Fynney, Mr. Joseph J
                                                                        male 35.0
                                                                                       0
## 25
                                                                                       3
                                     Palsson, Miss. Torborg Danira female
                                                                             8.0
## 27
                                            Emir, Mr. Farred Chehab
                                                                        male
                                                                                       0
## 28
                                    Fortune, Mr. Charles Alexander
                                                                        male 19.0
                                                                                       3
## 30
                                                Todoroff, Mr. Lalio
                                                                        male
## 31
                                          Uruchurtu, Don. Manuel E
                                                                        male 40.0
                                                                                       0
## 34
                                              Wheadon, Mr. Edward H
                                                                        male 66.0
## 35
                                            Meyer, Mr. Edgar Joseph
                                                                        male 28.0
                                                                                       1
                                    Holverson, Mr. Alexander Oskar
## 36
                                                                        male 42.0
                                                                                       1
## 38
                                           Cann, Mr. Ernest Charles
                                                                        male 21.0
                                                                                       0
## 39
                                Vander Planke, Miss. Augusta Maria female 18.0
                                                                                       2
## 41
                   Ahlin, Mrs. Johan (Johanna Persdotter Larsson) female 40.0
                                                                                       1
## 42
        Turpin, Mrs. William John Robert (Dorothy Ann Wonnacott) female 27.0
                                                                                       1
## 43
                                                Kraeff, Mr. Theodor
                                                                        male
                                                                                       0
## 46
                                           Rogers, Mr. William John
                                                                        male
                                                                               NΑ
                                                                                       0
## 47
                                                  Lennon, Mr. Denis
                                                                        male
                                                                               NA
                                                                                       1
## 49
                                                Samaan, Mr. Youssef
                                                                                       2
                                                                        male
                                                                               NΑ
## 50
                    Arnold-Franchi, Mrs. Josef (Josefine Franchi) female 18.0
                                                                                       1
## 51
                                        Panula, Master. Juha Niilo
                                                                        male 7.0
                                                                                       4
## 52
                                      Nosworthy, Mr. Richard Cater
                                                                        male 21.0
```

##	55	Ostby, Mr. Engelhart Cornelius	male		0
##	58	Novel, Mr. Mansouer	male	28.5	0
##	60	Goodwin, Master. William Frederick	male	11.0	5
##	61	Sirayanian, Mr. Orsen	male	22.0	0
##	63	Harris, Mr. Henry Birkhardt	male	45.0	1
##	64	Skoog, Master. Harald	male	4.0	3
##	65	Stewart, Mr. Albert A	male	NA	0
##	68	Crease, Mr. Ernest James	male	19.0	0
##	70	Kink, Mr. Vincenz	male	26.0	2
##	71	Jenkin, Mr. Stephen Curnow	male	32.0	0
##	72	Goodwin, Miss. Lillian Amy	${\tt female}$	16.0	5
##	73	Hood, Mr. Ambrose Jr	male	21.0	0
##	74	Chronopoulos, Mr. Apostolos	male	26.0	1
##	76	Moen, Mr. Sigurd Hansen	male	25.0	0
##	77	Staneff, Mr. Ivan	male	NA	0
##	78	Moutal, Mr. Rahamin Haim	male	NA	0
##	81	Waelens, Mr. Achille	male	22.0	0
##	84	Carrau, Mr. Francisco M	male	28.0	0
##	87	Ford, Mr. William Neal	male	16.0	1
##	88	Slocovski, Mr. Selman Francis	male	NA	0
##	90	Celotti, Mr. Francesco	male	24.0	0
##	91	Christmann, Mr. Emil	male	29.0	0
##	92	Andreasson, Mr. Paul Edvin	male	20.0	0
##	93	Chaffee, Mr. Herbert Fuller	male	46.0	1
##	94	Dean, Mr. Bertram Frank	male	26.0	1
##	95	Coxon, Mr. Daniel	male	59.0	0
##	96	Shorney, Mr. Charles Joseph	male	NA	0
##	97	Goldschmidt, Mr. George B	male	71.0	0
##	100	Kantor, Mr. Sinai	male	34.0	1
##	101	Petranec, Miss. Matilda	female	28.0	0
##	102	Petroff, Mr. Pastcho ("Pentcho")	male	NA	0
##	103	White, Mr. Richard Frasar	male	21.0	0
##	104	Johansson, Mr. Gustaf Joel	male	33.0	0
##	105	Gustafsson, Mr. Anders Vilhelm	male	37.0	2
	106	Mionoff, Mr. Stoytcho	male		0
	109	Rekic, Mr. Tido	male	38.0	0
	111	Porter, Mr. Walter Chamberlain	male	47.0	0
	112	Zabour, Miss. Hileni			1
	113	Barton, Mr. David John	male		0
	114	Jussila, Miss. Katriina			1
	115	Attalah, Miss. Malake			0
	116	Pekoniemi, Mr. Edvard	male		0
	117	Connors, Mr. Patrick	male		0
	118	Turpin, Mr. William John Robert	male		1
	119	Baxter, Mr. Quigg Edmond	male		0
	120	Andersson, Miss. Ellis Anna Maria			4
	121	Hickman, Mr. Stanley George	male		2
	122	Moore, Mr. Leonard Charles	male	NA	0
	123	Nasser, Mr. Nicholas	male		1
	125	White, Mr. Percival Wayland	male		0
	127	McMahon, Mr. Martin	male	NA	0
	130	Ekstrom, Mr. Johan	male		0
	131	Drazenoic, Mr. Jozef	male		0
	132	Coelho, Mr. Domingos Fernandeo	male		0
	102	oceino, ni. Domingos reinandeo	шате	20.0	U

```
## 133
                  Robins, Mrs. Alexander A (Grace Charity Laury) female 47.0
## 135
                                   Sobey, Mr. Samuel James Hayden
                                                                      male 25.0
                                                                                     0
## 136
                                                Richard, Mr. Emile
                                                                      male 23.0
## 138
                                      Futrelle, Mr. Jacques Heath
                                                                      male 37.0
                                                                                     1
## 139
                                               Osen, Mr. Olaf Elon
                                                                      male 16.0
## 140
                                                Giglio, Mr. Victor
                                                                      male 24.0
                                                                                     0
## 141
                                    Boulos, Mrs. Joseph (Sultana) female
                                                                             NA
## 144
                                               Burke, Mr. Jeremiah
                                                                      male 19.0
                                                                                     0
## 145
                                        Andrew, Mr. Edgardo Samuel
                                                                      male 18.0
                                                                                     0
## 146
                                     Nicholls, Mr. Joseph Charles
                                                                      male 19.0
                                                                                     1
## 148
                                 Ford, Miss. Robina Maggie "Ruby" female 9.0
                                                                                     2
## 149
                                                                      male 36.5
                         Navratil, Mr. Michel ("Louis M Hoffman")
                                                                                     0
## 150
                                Byles, Rev. Thomas Roussel Davids
                                                                      male 42.0
                                                                                     0
                                        Bateman, Rev. Robert James
                                                                      male 51.0
## 151
                                                  Meo, Mr. Alfonzo
## 153
                                                                      male 55.5
                                                                                     0
## 154
                                  van Billiard, Mr. Austin Blyler
                                                                      male 40.5
## 155
                                             Olsen, Mr. Ole Martin
                                                                      male
                                                                                     0
                                                                             NA
## 156
                                      Williams, Mr. Charles Duane
                                                                      male 51.0
## 158
                                                   Corn, Mr. Harry
                                                                      male 30.0
                                                                                     0
## 159
                                               Smiljanic, Mr. Mile
                                                                      male
                                                                                     0
## 160
                                       Sage, Master. Thomas Henry
                                                                      male
                                                                             NΑ
                                                                                     8
## 161
                                          Cribb, Mr. John Hatfield
                                                                      male 44.0
## 163
                                        Bengtsson, Mr. John Viktor
                                                                      male 26.0
                                                                                     0
## 164
                                                   Calic, Mr. Jovo
                                                                      male 17.0
## 165
                                     Panula, Master. Eino Viljami
                                                                      male 1.0
## 168
                 Skoog, Mrs. William (Anna Bernhardina Karlsson) female 45.0
                                                                                     1
## 169
                                                                             NA
                                                                                     0
                                               Baumann, Mr. John D
                                                                      male
## 170
                                                     Ling, Mr. Lee
                                                                      male 28.0
                                                                                     0
## 171
                                         Van der hoef, Mr. Wyckoff
                                                                      male 61.0
## 172
                                              Rice, Master. Arthur
                                                                      male 4.0
## 174
                                         Sivola, Mr. Antti Wilhelm
                                                                      male 21.0
## 175
                                           Smith, Mr. James Clinch
                                                                      male 56.0
                                                                                     0
## 176
                                            Klasen, Mr. Klas Albin
                                                                      male 18.0
                                                                      male
## 177
                                    Lefebre, Master. Henry Forbes
                                                                             NA
                                                                                     3
## 178
                                        Isham, Miss. Ann Elizabeth female 50.0
## 179
                                                Hale, Mr. Reginald
                                                                      male 30.0
                                                                                     0
## 180
                                               Leonard, Mr. Lionel
                                                                      male 36.0
## 181
                                     Sage, Miss. Constance Gladys female
                                                                                     8
                                                                             NΑ
## 182
                                                  Pernot, Mr. Rene
                                                                      male
                                                                             NA
## 183
                            Asplund, Master. Clarence Gustaf Hugo
                                                                      male
                                                                           9.0
## 186
                                             Rood, Mr. Hugh Roscoe
                                                                      male
                                                                             NA
## 189
                                                                      male 40.0
                                                  Bourke, Mr. John
                                                                                     1
## 190
                                               Turcin, Mr. Stjepan
                                                                      male 36.0
                                                                                     0
## 192
                                                                      male 19.0
                                                                                     0
                                             Carbines, Mr. William
## 197
                                               Mernagh, Mr. Robert
                                                                      male
                                                                             NA
## 198
                                 Olsen, Mr. Karl Siegwart Andreas
                                                                      male 42.0
                                                                                     0
## 200
                           Yrois, Miss. Henriette ("Mrs Harbeck") female 24.0
                                                                                     0
## 201
                                   Vande Walle, Mr. Nestor Cyriel
                                                                      male 28.0
                                                                                     0
## 202
                                               Sage, Mr. Frederick
                                                                      male
                                                                             NA
                                                                                     8
## 203
                                        Johanson, Mr. Jakob Alfred
                                                                      male 34.0
                                                                                     0
## 204
                                              Youseff, Mr. Gerious
                                                                      male 45.5
                                                                                     0
## 206
                                        Strom, Miss. Telma Matilda female 2.0
## 207
                                        Backstrom, Mr. Karl Alfred
                                                                      male 32.0
                                                                                     1
## 211
                                                    Ali, Mr. Ahmed
                                                                      male 24.0
```

```
## 213
                                            Perkin, Mr. John Henry
                                                                      male 22.0
## 214
                                      Givard, Mr. Hans Kristensen
                                                                      male 30.0
                                                                                     0
                                               Kiernan, Mr. Philip
## 215
                                                                      male
                                                                             NA
## 218
                                      Jacobsohn, Mr. Sidney Samuel
                                                                      male 42.0
                                                                                     1
## 220
                                                Harris, Mr. Walter
                                                                      male 30.0
## 222
                                              Bracken, Mr. James H
                                                                      male 27.0
                                                                                     0
## 223
                                           Green, Mr. George Henry
                                                                      male 51.0
## 224
                                              Nenkoff, Mr. Christo
                                                                      male
                                                                             NA
                                                                                     0
## 226
                                     Berglund, Mr. Karl Ivar Sven
                                                                      male 22.0
                                                                                     Λ
## 228
                                  Lovell, Mr. John Hall ("Henry")
                                                                      male 20.5
                                                                                     0
## 229
                                         Fahlstrom, Mr. Arne Jonas
                                                                      male 18.0
## 230
                                           Lefebre, Miss. Mathilde female
                                                                                     3
                                                                             NA
## 232
                                         Larsson, Mr. Bengt Edvin
                                                                      male 29.0
                                                                                     0
## 233
                                         Sjostedt, Mr. Ernst Adolf
                                                                      male 59.0
## 235
                                Leyson, Mr. Robert William Norman
                                                                      male 24.0
                                                                                     0
## 236
                                     Harknett, Miss. Alice Phoebe female
                                                                             NA
                                                                                     0
## 237
                                                 Hold, Mr. Stephen
                                                                      male 44.0
## 239
                                  Pengelly, Mr. Frederick William
                                                                      male 19.0
## 240
                                            Hunt, Mr. George Henry
                                                                      male 33.0
                                                                                     0
## 241
                                             Zabour, Miss. Thamine female
## 243
                                  Coleridge, Mr. Reginald Charles
                                                                      male 29.0
                                                                                     0
## 244
                                    Maenpaa, Mr. Matti Alexanteri
                                                                      male 22.0
## 245
                                              Attalah, Mr. Sleiman
                                                                      male 30.0
                                                                                     0
## 246
                                      Minahan, Dr. William Edward
                                                                      male 44.0
                                                                                     2
## 247
                            Lindahl, Miss. Agda Thorilda Viktoria female 25.0
## 250
                                    Carter, Rev. Ernest Courtenay
                                                                      male 54.0
                                                                                     1
## 251
                                            Reed, Mr. James George
                                                                             NA
                                                                                     0
                                                                      male
## 252
                       Strom, Mrs. Wilhelm (Elna Matilda Persson) female 29.0
                                                                                     1
## 253
                                         Stead, Mr. William Thomas
                                                                      male 62.0
## 254
                                          Lobb, Mr. William Arthur
                                                                      male 30.0
## 255
                         Rosblom, Mrs. Viktor (Helena Wilhelmina) female 41.0
## 261
                                                 Smith, Mr. Thomas
                                                                      male
                                                                             NΑ
                                                                                     0
## 263
                                                 Taussig, Mr. Emil
                                                                      male 52.0
## 264
                                             Harrison, Mr. William
                                                                      male 40.0
                                                                                     0
## 265
                                                Henry, Miss. Delia female
## 266
                                                 Reeves, Mr. David
                                                                      male 36.0
                                                                                     0
## 267
                                         Panula, Mr. Ernesti Arvid
                                                                      male 16.0
## 271
                                             Cairns, Mr. Alexander
                                                                      male
                                                                             NΑ
                                                                                     0
## 274
                                             Natsch, Mr. Charles H
                                                                      male 37.0
## 277
                                Lindblom, Miss. Augusta Charlotta female 45.0
                                      Parkes, Mr. Francis "Frank"
## 278
                                                                      male
                                                                             NA
## 279
                                                Rice, Master. Eric
                                                                      male 7.0
                                                                                     4
                                                  Duane, Mr. Frank
## 281
                                                                      male 65.0
                                                                                     0
## 282
                                 Olsson, Mr. Nils Johan Goransson
                                                                      male 28.0
                                                                                     0
## 283
                                         de Pelsmaeker, Mr. Alfons
                                                                      male 16.0
## 285
                                        Smith, Mr. Richard William
                                                                      male
                                                                                     0
                                                                             NA
## 286
                                               Stankovic, Mr. Ivan
                                                                      male 33.0
                                                                                     0
## 288
                                              Naidenoff, Mr. Penko
                                                                      male 22.0
## 293
                                            Levy, Mr. Rene Jacques
                                                                      male 36.0
                                                                                     0
## 294
                                               Haas, Miss. Aloisia female 24.0
                                                                                     0
## 295
                                                                      male 24.0
                                                  Mineff, Mr. Ivan
                                                                                     0
## 296
                                                 Lewy, Mr. Ervin G
                                                                      male
                                                                             NA
## 297
                                                Hanna, Mr. Mansour
                                                                      male 23.5
                                                                                     0
## 298
                                     Allison, Miss. Helen Loraine female 2.0
```

```
## 303
                                  Johnson, Mr. William Cahoone Jr
                                                                      male 19.0
                                Williams, Mr. Howard Hugh "Harry"
## 305
                                                                      male
                                                                             NA
                                                                                     0
## 309
                                                                      male 30.0
                                               Abelson, Mr. Samuel
## 313
                            Lahtinen, Mrs. William (Anna Sylfven) female 26.0
## 314
                                           Hendekovic, Mr. Ignjac
                                                                      male 28.0
## 315
                                                Hart, Mr. Benjamin
                                                                      male 43.0
                                              Moraweck, Dr. Ernest
## 318
                                                                      male 54.0
## 321
                                                                      male 22.0
                                                Dennis, Mr. Samuel
                                                                                     0
## 322
                                                  Danoff, Mr. Yoto
                                                                      male 27.0
                                                                                     Λ
## 325
                                         Sage, Mr. George John Jr
                                                                      male
                                                                             NA
## 327
                                        Nysveen, Mr. Johan Hansen
                                                                      male 61.0
## 332
                                               Partner, Mr. Austen
                                                                      male 45.5
                                                                                     0
## 333
                                        Graham, Mr. George Edward
                                                                      male 38.0
                                                                                     0
## 334
                                  Vander Planke, Mr. Leo Edmondus
                                                                      male 16.0
## 336
                                                Denkoff, Mr. Mitto
                                                                      male
                                                                             NA
## 337
                                        Pears, Mr. Thomas Clinton
                                                                      male 29.0
## 340
                                     Blackwell, Mr. Stephen Weart
                                                                      male 45.0
                                                                                     0
## 343
                                       Collander, Mr. Erik Gustaf
                                                                      male 28.0
## 344
                      Sedgwick, Mr. Charles Frederick Waddington
                                                                      male 25.0
                                                                                     0
## 345
                                           Fox, Mr. Stanley Hubert
                                                                      male 36.0
## 350
                                                  Dimic, Mr. Jovan
                                                                      male 42.0
                                                                                     Λ
## 351
                                            Odahl, Mr. Nils Martin
                                                                      male 23.0
## 352
                           Williams-Lambert, Mr. Fletcher Fellows
                                                                      male
                                                                             NΑ
                                                                                     0
## 353
                                                Elias, Mr. Tannous
                                                                      male 15.0
## 354
                                        Arnold-Franchi, Mr. Josef
                                                                      male 25.0
## 355
                                                 Yousif, Mr. Wazli
                                                                      male
                                                                             NA
## 356
                                      Vanden Steen, Mr. Leo Peter
                                                                      male 28.0
                                                                                     0
## 358
                                        Funk, Miss. Annie Clemmer female 38.0
## 361
                                                                      male 40.0
                                                Skoog, Mr. Wilhelm
## 362
                                        del Carlo, Mr. Sebastiano
                                                                      male 29.0
## 363
                                  Barbara, Mrs. (Catherine David) female 45.0
## 364
                                                   Asim, Mr. Adola
                                                                      male 35.0
                                                                                     0
## 365
                                               O'Brien, Mr. Thomas
                                                                      male
## 366
                                   Adahl, Mr. Mauritz Nils Martin
                                                                      male 30.0
                                                                                     0
## 372
                                        Wiklund, Mr. Jakob Alfred
                                                                      male 18.0
## 373
                                       Beavan, Mr. William Thomas
                                                                      male 19.0
                                                                                     0
## 374
                                               Ringhini, Mr. Sante
                                                                      male 22.0
## 375
                                       Palsson, Miss. Stina Viola female 3.0
                                                                                     3
## 378
                                        Widener, Mr. Harry Elkins
                                                                      male 27.0
## 379
                                               Betros, Mr. Tannous
                                                                      male 20.0
## 380
                                      Gustafsson, Mr. Karl Gideon
                                                                      male 19.0
## 383
                                                Tikkanen, Mr. Juho
                                                                      male 32.0
                                                                                     0
## 385
                                            Plotcharsky, Mr. Vasil
                                                                      male
                                                                             NA
                                                                                     0
## 386
                                        Davies, Mr. Charles Henry
                                                                      male 18.0
                                                                                     0
## 387
                                  Goodwin, Master. Sidney Leonard
                                                                      male 1.0
## 389
                                              Sadlier, Mr. Matthew
                                                                      male
                                                                                     0
                                                                             NA
## 393
                                     Gustafsson, Mr. Johan Birger
                                                                      male 28.0
                                                                                     2
## 396
                                               Johansson, Mr. Erik
                                                                      male 22.0
## 397
                                               Olsson, Miss. Elina female 31.0
                                                                                     0
## 398
                                           McKane, Mr. Peter David
                                                                      male 46.0
                                                                                     0
## 399
                                                                      male 23.0
                                                  Pain, Dr. Alfred
                                                                                     0
## 402
                                                   Adams, Mr. John
                                                                      male 26.0
## 403
                                          Jussila, Miss. Mari Aina female 21.0
## 404
                                   Hakkarainen, Mr. Pekka Pietari
                                                                      male 28.0
```

```
## 405
                                           Oreskovic, Miss. Marija female 20.0
## 406
                                                Gale, Mr. Shadrach
                                                                      male 34.0
## 407
                                 Widegren, Mr. Carl/Charles Peter
                                                                      male 51.0
## 409
                                Birkeland, Mr. Hans Martin Monsen
                                                                      male 21.0
                                                                                     0
## 410
                                                Lefebre, Miss. Ida female
                                                                             NA
                                                                                     3
## 411
                                                Sdycoff, Mr. Todor
                                                                                     0
                                                                      male
                                                                             NA
## 412
                                                   Hart, Mr. Henry
                                                                      male
                                                                              NA
## 414
                                   Cunningham, Mr. Alfred Fleming
                                                                      male
                                                                              NΑ
                                                                                     0
## 416
                          Meek, Mrs. Thomas (Annie Louise Rowley) female
                                                                              NA
                                                                                     0
## 419
                                        Matthews, Mr. William John
                                                                      male 30.0
                                                                                     0
## 420
                                         Van Impe, Miss. Catharina female 10.0
## 421
                                            Gheorgheff, Mr. Stanio
                                                                      male
                                                                              NA
                                                                                     0
## 422
                                               Charters, Mr. David
                                                                      male 21.0
                                                                                     0
## 423
                                                Zimmerman, Mr. Leo
                                                                      male 29.0
## 424
          Danbom, Mrs. Ernst Gilbert (Anna Sigrid Maria Brogren) female 28.0
## 425
                                       Rosblom, Mr. Viktor Richard
                                                                      male 18.0
## 426
                                            Wiseman, Mr. Phillippe
                                                                      male
                                                                                     0
                                                                              NA
## 429
                                                  Flynn, Mr. James
                                                                      male
                                                                              NA
## 434
                                        Kallio, Mr. Nikolai Erland
                                                                      male 17.0
                                                                                     0
## 435
                                         Silvey, Mr. William Baird
                                                                      male 50.0
                                                                                     1
## 437
                             Ford, Miss. Doolina Margaret "Daisy" female 21.0
                                                                                     2
## 439
                                                                      male 64.0
                                                 Fortune, Mr. Mark
## 440
                                                                      male 31.0
                           Kvillner, Mr. Johan Henrik Johannesson
                                                                                     0
## 442
                                                                      male 20.0
                                                   Hampe, Mr. Leon
## 443
                                         Petterson, Mr. Johan Emil
                                                                      male 25.0
## 451
                                             West, Mr. Edwy Arthur
                                                                      male 36.0
                                                                                     1
## 452
                                  Hagland, Mr. Ingvald Olai Olsen
                                                                      male
                                                                             NA
                                                                                     1
## 453
                                  Foreman, Mr. Benjamin Laventall
                                                                      male 30.0
                                                                                     0
## 455
                                               Peduzzi, Mr. Joseph
                                                                      male
                                                                              NA
                                                                                     0
## 457
                                         Millet, Mr. Francis Davis
                                                                      male 65.0
                                                                                     0
## 460
                                             O'Connor, Mr. Maurice
                                                                      male
                                                                              NA
                                                                                     0
## 462
                                               Morley, Mr. William
                                                                      male 34.0
                                                                                     0
## 463
                                                 Gee, Mr. Arthur H
                                                                      male 47.0
                                     Milling, Mr. Jacob Christian
## 464
                                                                      male 48.0
                                                                                     0
## 465
                                                Maisner, Mr. Simon
                                                                      male
                                  Goncalves, Mr. Manuel Estanslas
## 466
                                                                      male 38.0
                                                                                     0
## 467
                                             Campbell, Mr. William
                                                                      male
## 468
                                        Smart, Mr. John Montgomery
                                                                      male 56.0
                                                                                     0
## 469
                                                Scanlan, Mr. James
                                                                      male
## 471
                                                 Keefe, Mr. Arthur
                                                                      male
                                                                              NΑ
                                                                                     0
## 472
                                                   Cacic, Mr. Luka
                                                                      male 38.0
## 475
                                       Strandberg, Miss. Ida Sofia female 22.0
                                                                                     0
## 476
                                       Clifford, Mr. George Quincy
                                                                      male
                                                                             NA
                                                                                     0
## 477
                                           Renouf, Mr. Peter Henry
                                                                      male 34.0
                                                                                     1
## 478
                                         Braund, Mr. Lewis Richard
                                                                      male 29.0
                                                                                     1
## 479
                                         Karlsson, Mr. Nils August
                                                                      male 22.0
                                                                                     0
## 481
                                   Goodwin, Master. Harold Victor
                                                                      male 9.0
                                                                                     5
## 482
                                 Frost, Mr. Anthony Wood "Archie"
                                                                      male
                                                                              NA
                                                                                     0
                                          Rouse, Mr. Richard Henry
## 483
                                                                      male 50.0
                                                                                     0
## 486
                                            Lefebre, Miss. Jeannie female
                                                                              NA
                                                                                     3
## 488
                                                                      male 58.0
                                           Kent, Mr. Edward Austin
                                                                                     0
## 489
                                    Somerton, Mr. Francis William
                                                                      male 30.0
## 491
                             Hagland, Mr. Konrad Mathias Reiersen
                                                                      male
                                                                             NA
                                                                                     1
## 492
                                               Windelov, Mr. Einar
                                                                      male 21.0
```

```
## 493
                                        Molson, Mr. Harry Markland
                                                                      male 55.0
## 494
                                                                      male 71.0
                                           Artagaveytia, Mr. Ramon
                                                                                     0
                                        Stanley, Mr. Edward Roland
## 495
                                                                      male 21.0
## 496
                                             Yousseff, Mr. Gerious
                                                                      male
                                                                                     0
                                                                             NΑ
## 498
                                  Shellard, Mr. Frederick William
                                                                      male
                                                                              NA
## 499
                 Allison, Mrs. Hudson J C (Bessie Waldo Daniels) female 25.0
## 500
                                                Svensson, Mr. Olof
                                                                      male 24.0
## 501
                                                  Calic, Mr. Petar
                                                                      male 17.0
                                                                                     0
## 502
                                               Canavan, Miss. Mary female 21.0
                                                                                     0
## 503
                                   O'Sullivan, Miss. Bridget Mary female
                                                                                     0
## 504
                                   Laitinen, Miss. Kristina Sofia female 37.0
                                                                                     0
## 506
                       Penasco y Castellana, Mr. Victor de Satode
                                                                      male 18.0
                                                                                     1
## 509
                                          Olsen, Mr. Henry Margido
                                                                      male 28.0
                                                                                     0
## 512
                                                 Webber, Mr. James
                                                                      male
                                                                              NA
## 515
                                                 Coleff, Mr. Satio
                                                                      male 24.0
                                                                                     0
## 516
                                     Walker, Mr. William Anderson
                                                                      male 47.0
## 518
                                                 Ryan, Mr. Patrick
                                                                      male
                                                                              NA
                                                                                     0
## 520
                                               Pavlovic, Mr. Stefo
                                                                      male 32.0
                                                   Vovk, Mr. Janko
## 522
                                                                      male 22.0
                                                                                     0
## 523
                                                Lahoud, Mr. Sarkis
                                                                      male
## 525
                                                 Kassem, Mr. Fared
                                                                      male
                                                                             NΑ
                                                                                     Λ
## 526
                                                Farrell, Mr. James
                                                                      male 40.5
## 528
                                                Farthing, Mr. John
                                                                      male
                                                                                     0
                                                                             NΑ
## 529
                                                                      male 39.0
                                         Salonen, Mr. Johan Werner
                                                                                     0
## 530
                                       Hocking, Mr. Richard George
                                                                      male 23.0
                                                                                     2
## 532
                                                 Toufik, Mr. Nakli
                                                                      male
                                                                              NA
## 533
                                              Elias, Mr. Joseph Jr
                                                                      male 17.0
                                                                                     1
## 535
                                               Cacic, Miss. Marija female 30.0
                                                                                     0
## 537
                                Butt, Major. Archibald Willingham
                                                                      male 45.0
## 539
                                          Risien, Mr. Samuel Beard
                                                                      male
                                                                                     0
                                                                              NA
## 542
                             Andersson, Miss. Ingeborg Constanzia female 9.0
                                                                                     4
## 543
                                Andersson, Miss. Sigrid Elisabeth female 11.0
## 545
                                        Douglas, Mr. Walter Donald
                                                                      male 50.0
## 546
                                     Nicholson, Mr. Arthur Ernest
                                                                      male 64.0
                                                                                     0
## 549
                                         Goldsmith, Mr. Frank John
                                                                      male 33.0
## 552
                                       Sharp, Mr. Percival James R
                                                                      male 27.0
                                                                                     0
## 553
                                              O'Brien, Mr. Timothy
                                                                      male
## 556
                                                Wright, Mr. George
                                                                      male 62.0
                                                                                     0
## 558
                                               Robbins, Mr. Victor
                                                                      male
## 561
                                          Morrow, Mr. Thomas Rowan
                                                                      male
                                                                              NΑ
                                                                                     0
## 562
                                                 Sivic, Mr. Husein
                                                                      male 40.0
## 563
                                        Norman, Mr. Robert Douglas
                                                                      male 28.0
                                                                                     0
## 564
                                                 Simmons, Mr. John
                                                                      male
                                                                             NA
                                                                                     0
## 565
                                   Meanwell, Miss. (Marion Ogden) female
                                                                                     0
                                                                              NA
## 566
                                              Davies, Mr. Alfred J
                                                                      male 24.0
                                                                                     2
## 567
                                              Stoytcheff, Mr. Ilia
                                                                      male 19.0
                                                                                     0
## 568
                      Palsson, Mrs. Nils (Alma Cornelia Berglund) female 29.0
                                                                                     0
## 569
                                               Doharr, Mr. Tannous
                                                                      male
                                                                                     0
## 575
                                     Rush, Mr. Alfred George John
                                                                      male 16.0
                                                                                     0
## 576
                                              Patchett, Mr. George
                                                                      male 19.0
                                                                                     0
## 579
                                 Caram, Mrs. Joseph (Maria Elias) female
                                                                             NA
                                                                                     1
## 583
                                        Downton, Mr. William James
                                                                      male 54.0
## 584
                                               Ross, Mr. John Hugo
                                                                      male 36.0
                                                                                     0
## 585
                                               Paulner, Mr. Uscher
                                                                      male
```

```
## 587
                                           Jarvis, Mr. John Denzil
                                                                      male 47.0
                                             Gilinski, Mr. Eliezer
## 589
                                                                      male 22.0
                                                                                     0
## 590
                                               Murdlin, Mr. Joseph
                                                                      male
                                              Rintamaki, Mr. Matti
## 591
                                                                      male 35.0
                                                                                     0
## 593
                                        Elsbury, Mr. William James
                                                                      male 47.0
## 594
                                                Bourke, Miss. Mary female
                                                                                     0
                                                                             NA
## 595
                                           Chapman, Mr. John Henry
                                                                      male 37.0
## 596
                                       Van Impe, Mr. Jean Baptiste
                                                                      male 36.0
                                                                                     1
## 598
                                               Johnson, Mr. Alfred
                                                                      male 49.0
                                                                                     Λ
## 599
                                                 Boulos, Mr. Hanna
                                                                      male
                                                                              NA
                                                                                     0
## 602
                                              Slabenoff, Mr. Petco
                                                                      male
                                                                              NA
                                                                                     0
                                         Harrington, Mr. Charles H
## 603
                                                                      male
                                                                              NA
                                                                                     0
## 604
                                         Torber, Mr. Ernst William
                                                                      male 44.0
                                                                                     0
## 606
                                    Lindell, Mr. Edvard Bengtsson
                                                                      male 36.0
## 607
                                                 Karaic, Mr. Milan
                                                                      male 30.0
## 611 Andersson, Mrs. Anders Johan (Alfrida Konstantia Brogren) female 39.0
## 612
                                             Jardin, Mr. Jose Neto
                                                                      male
                                                                              NΑ
                                                                                     0
## 614
                                                  Horgan, Mr. John
                                                                      male
                                                                              NA
## 615
                                                                      male 35.0
                                  Brocklebank, Mr. William Alfred
                                                                                     0
## 617
                                         Danbom, Mr. Ernst Gilbert
                                                                      male 34.0
## 618
                 Lobb, Mrs. William Arthur (Cordelia K Stanlick) female 26.0
## 620
                                               Gavey, Mr. Lawrence
                                                                      male 26.0
## 621
                                                                      male 27.0
                                               Yasbeck, Mr. Antoni
                                                                                     1
## 624
                                                                      male 21.0
                                       Hansen, Mr. Henry Damsgaard
## 625
                                       Bowen, Mr. David John "Dai"
                                                                      male 21.0
                                                                                     0
## 626
                                             Sutton, Mr. Frederick
                                                                      male 61.0
                                                                                     0
## 627
                                   Kirkland, Rev. Charles Leonard
                                                                      male 57.0
                                                                                     0
## 629
                                         Bostandyeff, Mr. Guentcho
                                                                      male 26.0
                                                                                     0
## 630
                                          O'Connell, Mr. Patrick D
                                                                      male
                                                                             NA
## 632
                                       Lundahl, Mr. Johan Svensson
                                                                      male 51.0
                                                                                     0
## 634
                                    Parr, Mr. William Henry Marsh
                                                                      male
                                                                              NA
                                                                                     0
## 635
                                                Skoog, Miss. Mabel female 9.0
                                                                                     3
## 637
                                        Leinonen, Mr. Antti Gustaf
                                                                      male 32.0
## 638
                                               Collyer, Mr. Harvey
                                                                      male 31.0
                                                                                     1
## 639
                           Panula, Mrs. Juha (Maria Emilia Ojala) female 41.0
                                                                                     0
## 640
                                        Thorneycroft, Mr. Percival
                                                                      male
                                                                             NA
## 641
                                            Jensen, Mr. Hans Peder
                                                                      male 20.0
## 643
                                     Skoog, Miss. Margit Elizabeth female 2.0
                                                                                     3
## 647
                                                 Cor, Mr. Liudevit
                                                                      male 19.0
## 649
                                                Willey, Mr. Edward
                                                                      male
                                                                              NΑ
                                                                                     0
## 651
                                                 Mitkoff, Mr. Mito
                                                                      male
                                                                              NA
## 653
                                   Kalvik, Mr. Johannes Halvorsen
                                                                      male 21.0
                                                                                     0
## 655
                                     Hegarty, Miss. Hanora "Nora" female 18.0
                                                                                     0
## 656
                                         Hickman, Mr. Leonard Mark
                                                                      male 24.0
                                                                                     2
## 657
                                             Radeff, Mr. Alexander
                                                                      male
                                                                              NA
## 658
                                     Bourke, Mrs. John (Catherine) female 32.0
                                                                                     1
## 659
                                     Eitemiller, Mr. George Floyd
                                                                      male 23.0
                                                                                     0
## 660
                                        Newell, Mr. Arthur Webster
                                                                      male 58.0
                                                                                     0
## 662
                                                 Badt, Mr. Mohamed
                                                                      male 40.0
                                                                                     0
## 663
                                        Colley, Mr. Edward Pomeroy
                                                                      male 47.0
                                                                                     0
## 664
                                                                      male 36.0
                                                  Coleff, Mr. Peju
                                                                                     0
                                                                                     2
## 666
                                                Hickman, Mr. Lewis
                                                                      male 32.0
## 667
                                       Butler, Mr. Reginald Fenton
                                                                      male 25.0
                                                                                     0
## 668
                                        Rommetvedt, Mr. Knud Paust
                                                                      male
                                                                             NA
```

```
## 669
                                                   Cook, Mr. Jacob
                                                                      male 43.0
## 672
                                            Davidson, Mr. Thornton
                                                                      male 31.0
                                      Mitchell, Mr. Henry Michael
## 673
                                                                      male 70.0
## 675
                                       Watson, Mr. Ennis Hastings
                                                                      male
                                                                             NA
                                                                                     0
## 676
                                   Edvardsson, Mr. Gustaf Hjalmar
                                                                      male 18.0
## 677
                                    Sawyer, Mr. Frederick Charles
                                                                      male 24.5
                                                                                     0
## 679
                          Goodwin, Mrs. Frederick (Augusta Tyler) female 43.0
## 681
                                               Peters, Miss. Katie female
                                                                             NA
                                                                                     0
## 683
                                      Olsvigen, Mr. Thor Anderson
                                                                      male 20.0
                                                                                     0
## 684
                                      Goodwin, Mr. Charles Edward
                                                                      male 14.0
## 685
                                Brown, Mr. Thomas William Solomon
                                                                      male 60.0
                                                                                     1
## 686
                           Laroche, Mr. Joseph Philippe Lemercier
                                                                      male 25.0
                                                                                     1
## 687
                                          Panula, Mr. Jaako Arnold
                                                                      male 14.0
                                                                                     4
## 688
                                                 Dakic, Mr. Branko
                                                                      male 19.0
## 689
                                  Fischer, Mr. Eberhard Thelander
                                                                      male 18.0
                                                                                     0
## 694
                                                  Saad, Mr. Khalil
                                                                      male 25.0
                                                                                     0
## 695
                                                   Weir, Col. John
                                                                      male 60.0
                                                                                     0
## 696
                                       Chapman, Mr. Charles Henry
                                                                      male 52.0
## 697
                                                                      male 44.0
                                                  Kelly, Mr. James
                                                                                     0
## 699
                                          Thayer, Mr. John Borland
                                                                      male 49.0
## 700
                         Humblen, Mr. Adolf Mathias Nicolai Olsen
                                                                      male 42.0
                                                                                     0
## 703
                                             Barbara, Miss. Saiide female 18.0
## 704
                                             Gallagher, Mr. Martin
                                                                      male 25.0
                                                                                     0
## 705
                                                                      male 26.0
                                           Hansen, Mr. Henrik Juul
## 706
                  Morley, Mr. Henry Samuel ("Mr Henry Marshall")
                                                                      male 39.0
## 712
                                                Klaber, Mr. Herman
                                                                      male
                                                                             NA
## 714
                                       Larsson, Mr. August Viktor
                                                                      male 29.0
                                                                                     0
## 715
                                                                      male 52.0
                                             Greenberg, Mr. Samuel
## 716
                      Soholt, Mr. Peter Andreas Lauritz Andersen
                                                                      male 19.0
## 719
                                               McEvoy, Mr. Michael
                                                                      male
                                                                             NA
                                                                                     0
                                     Johnson, Mr. Malkolm Joackim
## 720
                                                                      male 33.0
                                                                                     0
## 722
                                         Jensen, Mr. Svend Lauritz
                                                                      male 17.0
## 723
                                     Gillespie, Mr. William Henry
                                                                      male 34.0
                                                                      male 50.0
## 724
                                           Hodges, Mr. Henry Price
                                                                                     0
## 726
                                               Oreskovic, Mr. Luka
                                                                      male 20.0
                                                                                     0
## 729
                                  Bryhl, Mr. Kurt Arnold Gottfrid
                                                                      male 25.0
## 730
                                    Ilmakangas, Miss. Pieta Sofia female 25.0
## 732
                                         Hassan, Mr. Houssein G N
                                                                      male 11.0
                                                                                     0
                                              Knight, Mr. Robert J
## 733
                                                                      male
## 734
                                                                      male 23.0
                                                                                     0
                                       Berriman, Mr. William John
## 735
                                                                      male 23.0
                                     Troupiansky, Mr. Moses Aaron
## 736
                                              Williams, Mr. Leslie
                                                                      male 28.5
                                                                                     0
                          Ford, Mrs. Edward (Margaret Ann Watson) female 48.0
## 737
                                                                                     1
                                                                                     0
## 739
                                                Ivanoff, Mr. Kanio
                                                                      male
                                                                             NA
## 740
                                                Nankoff, Mr. Minko
                                                                      male
                                                                             NA
## 742
                                    Cavendish, Mr. Tyrell William
                                                                      male 36.0
                                                                                     1
## 744
                                                 McNamee, Mr. Neal
                                                                      male 24.0
## 746
                                     Crosby, Capt. Edward Gifford
                                                                      male 70.0
## 747
                                      Abbott, Mr. Rossmore Edward
                                                                      male 16.0
                                                                                     1
## 749
                                        Marvin, Mr. Daniel Warner
                                                                      male 19.0
                                                                                     1
## 750
                                                                      male 31.0
                                                                                     0
                                           Connaghton, Mr. Michael
## 753
                                 Vande Velde, Mr. Johannes Joseph
                                                                      male 33.0
                                                                                     0
## 754
                                                Jonkoff, Mr. Lalio
                                                                      male 23.0
                                                                                    0
## 757
                                     Carlsson, Mr. August Sigfrid
                                                                      male 28.0
```

```
## 758
                                          Bailey, Mr. Percy Andrew
                                                                       male 18.0
## 759
                                      Theobald, Mr. Thomas Leonard
                                                                       male 34.0
                                                                                     0
## 761
                                                Garfirth, Mr. John
                                                                       male
## 762
                                    Nirva, Mr. Iisakki Antino Aijo
                                                                       male 41.0
                                                                                     0
## 765
                                            Eklund, Mr. Hans Linus
                                                                       male 16.0
## 767
                                         Brewe, Dr. Arthur Jackson
                                                                       male
                                                                              NA
                                                                                     0
## 768
                                                Mangan, Miss. Mary female 30.5
                                                                       male
## 769
                                               Moran, Mr. Daniel J
                                                                              NA
                                                                                      1
## 770
                                 Gronnestad, Mr. Daniel Danielsen
                                                                       male 32.0
                                                                                     Λ
## 771
                                            Lievens, Mr. Rene Aime
                                                                       male 24.0
                                                                                     0
## 772
                                           Jensen, Mr. Niels Peder
                                                                       male 48.0
                                                                                     0
## 773
                                                 Mack, Mrs. (Mary) female 57.0
                                                                                     0
## 774
                                                    Elias, Mr. Dibo
                                                                                      0
                                                                       male
                                                                              NA
## 776
                          Myhrman, Mr. Pehr Fabian Oliver Malkolm
                                                                       male 18.0
                                                                                      0
## 777
                                                  Tobin, Mr. Roger
                                                                       male
                                                                              NΑ
                                                                                     0
## 779
                                           Kilgannon, Mr. Thomas J
                                                                       male
                                                                              NA
                                                                                     0
## 783
                                            Long, Mr. Milton Clyde
                                                                       male 29.0
                                                                                     0
## 784
                                            Johnston, Mr. Andrew G
                                                                       male
## 785
                                                  Ali, Mr. William
                                                                       male 25.0
                                                                                     0
## 786
                               Harmer, Mr. Abraham (David Lishin)
                                                                       male 25.0
                                                                                     0
## 788
                                         Rice, Master. George Hugh
                                                                       male 8.0
                                                                                     4
## 790
                                          Guggenheim, Mr. Benjamin
                                                                       male 46.0
## 791
                                          Keane, Mr. Andrew "Andy"
                                                                       male
                                                                              NΑ
                                                                                     0
## 792
                                               Gaskell, Mr. Alfred
                                                                       male 16.0
                                                                                     0
## 793
                                           Sage, Miss. Stella Anna female
                                                                                     8
## 794
                                          Hoyt, Mr. William Fisher
                                                                       male
                                                                              NA
                                                                                     0
## 795
                                             Dantcheff, Mr. Ristiu
                                                                       male 25.0
                                                                                     0
                                                                       male 39.0
## 796
                                                Otter, Mr. Richard
                                                                                     0
## 799
                                                                       male 30.0
                                                                                      0
                                      Ibrahim Shawah, Mr. Yousseff
## 800
            Van Impe, Mrs. Jean Baptiste (Rosalie Paula Govaert) female 30.0
                                                                                      1
## 801
                                              Ponesell, Mr. Martin
                                                                       male 34.0
                                                                                     0
                                         Johansson, Mr. Karl Johan
## 806
                                                                       male 31.0
                                                                                     0
## 807
                                            Andrews, Mr. Thomas Jr
                                                                       male 39.0
                                                                                     0
## 808
                                   Pettersson, Miss. Ellen Natalia female 18.0
                                                                                     0
## 809
                                                 Meyer, Mr. August
                                                                       male 39.0
                                                                                     0
## 811
                                            Alexander, Mr. William
                                                                       male 26.0
                                                                                     0
## 812
                                                 Lester, Mr. James
                                                                       male 39.0
## 813
                                         Slemen, Mr. Richard James
                                                                       male 35.0
                                                                                     0
## 814
                               Andersson, Miss. Ebba Iris Alfrida female 6.0
## 815
                                        Tomlin, Mr. Ernest Portage
                                                                       male 30.5
                                                                                     0
## 816
                                                  Fry, Mr. Richard
                                                                       male
                                                                              NA
## 817
                                      Heininen, Miss. Wendla Maria female 23.0
                                                                                     0
## 818
                                                Mallet, Mr. Albert
                                                                       male 31.0
                                                                                     1
## 819
                                 Holm, Mr. John Fredrik Alexander
                                                                       male 43.0
                                                                                     0
## 820
                                      Skoog, Master. Karl Thorsten
                                                                       male 10.0
                                                                                      3
## 823
                                   Reuchlin, Jonkheer. John George
                                                                       male 38.0
                                                                                     0
## 825
                                      Panula, Master. Urho Abraham
                                                                       male
                                                                            2.0
                                                                                     4
## 826
                                                   Flynn, Mr. John
                                                                       male
                                                                              NA
                                                                                     0
## 827
                                                       Lam, Mr. Len
                                                                       male
                                                                              NΑ
                                                                                     0
## 833
                                                    Saad, Mr. Amin
                                                                       male
                                                                              NA
                                                                                     0
## 834
                                            Augustsson, Mr. Albert
                                                                       male 23.0
                                                                                     0
## 835
                                            Allum, Mr. Owen George
                                                                       male 18.0
                                                                                     0
## 837
                                                  Pasic, Mr. Jakob
                                                                       male 21.0
                                                                                     0
## 838
                                               Sirota, Mr. Maurice
                                                                       male
```

```
## 841
                                       Alhomaki, Mr. Ilmari Rudolf
                                                                       male 20.0
## 842
                                          Mudd, Mr. Thomas Charles
                                                                       male 16.0
                                                                                      0
                                                                       male 34.5
## 844
                                        Lemberopolous, Mr. Peter L
## 845
                                                Culumovic, Mr. Jeso
                                                                       male 17.0
                                                                                      0
## 846
                                                Abbing, Mr. Anthony
                                                                       male 42.0
## 847
                                                                                      8
                                          Sage, Mr. Douglas Bullen
                                                                       male
                                                                               NA
## 848
                                                 Markoff, Mr. Marin
                                                                       male 35.0
                                                  Harper, Rev. John
## 849
                                                                       male 28.0
                                                                                      0
## 851
                          Andersson, Master. Sigvard Harald Elias
                                                                       male 4.0
                                                                                      4
## 852
                                                Svensson, Mr. Johan
                                                                       male 74.0
## 853
                                           Boulos, Miss. Nourelain female 9.0
                                                                                      1
## 855
                    Carter, Mrs. Ernest Courtenay (Lilian Hughes) female 44.0
                                                                                      1
## 860
                                                   Razi, Mr. Raihed
                                                                       male
                                                                                      0
                                                                               NA
## 861
                                                                                      2
                                           Hansen, Mr. Claus Peter
                                                                       male 41.0
## 862
                                       Giles, Mr. Frederick Edward
                                                                       male 21.0
                                                                                      1
## 864
                                 Sage, Miss. Dorothy Edith "Dolly" female
                                                                                      8
## 865
                                            Gill, Mr. John William
                                                                       male 24.0
                                                                                      0
## 868
                              Roebling, Mr. Washington Augustus II
                                                                       male 31.0
## 869
                                       van Melkebeke, Mr. Philemon
                                                                       male
                                                                               NA
                                                                                      0
## 871
                                                  Balkic, Mr. Cerin
                                                                       male 26.0
## 873
                                          Carlsson, Mr. Frans Olof
                                                                       male 33.0
                                                                                      0
## 874
                                       Vander Cruyssen, Mr. Victor
                                                                       male 47.0
## 877
                                     Gustafsson, Mr. Alfred Ossian
                                                                       male 20.0
                                                                                      0
## 878
                                               Petroff, Mr. Nedelio
                                                                       male 19.0
                                                                                      0
## 879
                                                 Laleff, Mr. Kristo
                                                                       male
                                                                                      0
## 882
                                                 Markun, Mr. Johann
                                                                       male 33.0
                                                                                      0
## 883
                                      Dahlberg, Miss. Gerda Ulrika female 22.0
                                                                                      0
## 884
                                     Banfield, Mr. Frederick James
                                                                       male 28.0
                                                                                      0
## 885
                                            Sutehall, Mr. Henry Jr
                                                                       male 25.0
## 886
                              Rice, Mrs. William (Margaret Norton) female 39.0
## 887
                                             Montvila, Rev. Juozas
                                                                       male 27.0
                                                                                      0
## 889
                         Johnston, Miss. Catherine Helen "Carrie" female
                                                                               NΑ
                                                                                      1
## 891
                                                Dooley, Mr. Patrick
                                                                       male 32.0
                                                  Cabin Embarked
##
       Parch
                          Ticket
                                      Fare
## 1
           0
                       A/5 21171
                                    7.2500
## 5
           0
                          373450
                                    8.0500
                                                                S
## 6
           0
                          330877
                                    8.4583
                                                                Q
## 7
           0
                           17463
                                   51.8625
                                                    E46
                                                                S
## 8
                          349909
                                   21.0750
                                                                S
           1
                                                                S
## 13
           0
                       A/5. 2151
                                    8.0500
## 14
           5
                          347082
                                                                S
                                   31.2750
## 15
           0
                          350406
                                    7.8542
                                                                S
## 17
           1
                          382652
                                   29.1250
                                                                Q
## 19
           0
                                                                S
                          345763
                                   18.0000
## 21
                                                                S
           0
                          239865
                                   26.0000
## 25
                                                                S
                          349909
                                   21.0750
           1
## 27
           0
                            2631
                                    7.2250
                                                                C
## 28
           2
                                                                S
                           19950 263.0000 C23 C25 C27
## 30
           0
                          349216
                                    7.8958
                                                                S
                                                                C
## 31
           0
                        PC 17601
                                   27.7208
## 34
           0
                                                                S
                      C.A. 24579
                                   10.5000
## 35
                                                                С
           0
                        PC 17604
                                   82.1708
## 36
           0
                          113789
                                   52,0000
                                                                S
                                                                S
## 38
                      A./5. 2152
                                    8.0500
```

##	39	0	345764	18.0000		S
	41	0	7546	9.4750		S
##	42	0	11668	21.0000		S
##	43	0	349253	7.8958		C
##	46	0	S.C./A.4. 23567	8.0500		S
##	47		370371	15.5000		Q
		0				Q C
##	49	0	2662	21.6792		
##	50	0	349237	17.8000		S S
##	51 52	1	3101295 A/4. 39886	39.6875		S
		0		7.8000	DOO	C
	55	1	113509	61.9792	B30	
##	58	0	2697	7.2292		C
##	60	2	CA 2144	46.9000		S
##	61	0	2669	7.2292	200	C
##	63	0	36973	83.4750	C83	S
##	64	2	347088	27.9000		S
##	65	0	PC 17605	27.7208		C
##	68	0	S.P. 3464	8.1583		S
##	70	0	315151	8.6625		S
##	71	0	C.A. 33111	10.5000		S
##	72	2	CA 2144	46.9000		S
##	73	0	S.O.C. 14879	73.5000		S
##	74	0	2680	14.4542		C
##	76	0	348123	7.6500	F G73	S
##	77	0	349208	7.8958		S
##	78	0	374746	8.0500		S
##	81	0	345767	9.0000		S
##	84	0	113059	47.1000		S
##	87	3	W./C. 6608	34.3750		S
##	88	0	SOTON/OQ 392086	8.0500		S
##	90	0	343275	8.0500		S
##	91	0	343276	8.0500		S
##	92	0	347466	7.8542		S
##	93	0	W.E.P. 5734	61.1750	E31	S
##	94	2	C.A. 2315	20.5750		S
##	95	0	364500	7.2500		S
##	96	0	374910	8.0500		S
##	97	0	PC 17754	34.6542	A5	C
##	100	0	244367	26.0000		S
##	101	0	349245	7.8958		S
##	102	0	349215	7.8958		S
##	103	1	35281	77.2875	D26	S
##	104	0	7540	8.6542		S
##	105	0	3101276	7.9250		S
##	106	0	349207	7.8958		S
##	109	0	349249	7.8958		S
##	111	0	110465	52.0000	C110	S
##	112	0	2665	14.4542		C
##	113	0	324669	8.0500		S
##	114	0	4136	9.8250		S
##	115	0	2627	14.4583		C
##	116	0	STON/O 2. 3101294	7.9250		S
##	117	0	370369	7.7500		Q
##	118	0	11668	21.0000		S

##	119	1	PC 17558	247.5208	B58 B60	С
##	120	2	347082	31.2750		S
##	121	0	S.O.C. 14879	73.5000		S
##	122	0	A4. 54510	8.0500		S
##	123	0	237736	30.0708		C
##	125	1	35281	77.2875	D26	S
##	127	0	370372	7.7500		Q
##	130	0	347061	6.9750		S
##	131	0	349241	7.8958		C
##	132	0	SOTON/O.Q. 3101307	7.0500		S
##	133	0	A/5. 3337	14.5000		S
	135	0	C.A. 29178	13.0000		S
	136	0	SC/PARIS 2133	15.0458		C
	138	0	113803	53.1000	C123	S
##	139	0	7534	9.2167		S
##	140	0	PC 17593	79.2000	B86	C
	141	2	2678	15.2458		C
	144	0	365222	6.7500		Q
	145	0	231945	11.5000		S
	146	1	C.A. 33112	36.7500		S
	148	2	W./C. 6608	34.3750		S
	149	2	230080	26.0000	F2	S
	150	0	244310	13.0000		S
	151	0	S.O.P. 1166	12.5250		S S
	153 154	0	A.5. 11206 A/5. 851	8.0500 14.5000		S
	155	0	Fa 265302	7.3125		S
	156	1	PC 17597	61.3792		C
	158	0	SOTON/OQ 392090	8.0500		S
	159	0	315037	8.6625		S
	160	2	CA. 2343	69.5500		S
	161	1	371362	16.1000		S
	163	0	347068	7.7750		S
	164	0	315093	8.6625		S
##	165	1	3101295	39.6875		S
##	168	4	347088	27.9000		S
##	169	0	PC 17318	25.9250		S
##	170	0	1601	56.4958		S
##	171	0	111240	33.5000	B19	S
##	172	1	382652	29.1250		Q
##	174	0	STON/O 2. 3101280	7.9250		S
##	175	0	17764	30.6958	A7	C
##	176	1	350404	7.8542		S
##	177	1	4133	25.4667		S
##	178	0	PC 17595	28.7125	C49	C
##	179	0	250653	13.0000		S
##	180	0	LINE	0.0000		S
##	181	2	CA. 2343	69.5500		S
##	182	0	SC/PARIS 2131	15.0500		C
##	183	2	347077	31.3875	4.00	S
## ##	186	0 1	113767	50.0000	A32	S
	189	0	364849	15.5000		Q S
##	190	0	349247	7.8958 13.0000		S S
##	192	U	28424	13.0000		۵

шш	107	^	20702	7 7500		0
	197 198	0	368703 4579	7.7500 8.4042		Q S
	200		248747	13.0000		s S
	201	0	345770	9.5000		S
	201	0	CA. 2343	69.5500		S
	202	0	3101264	6.4958		S
	203	0	2628	7.2250		C
	204	1	347054	10.4625	G6	S
	207	0	3101278	15.8500	do	S
	211		SOTON/O.Q. 3101311	7.0500		S
	213	0	A/5 21174	7.2500		S
	214	0	250646	13.0000		S
	215	0	367229	7.7500		Q
	218	0	243847	27.0000		S
	220	0	W/C 14208	10.5000		S
	222	0	220367	13.0000		S
	223	0	21440	8.0500		S
	224	0	349234	7.8958		S
	226	0	PP 4348	9.3500		S
##	228	0	A/5 21173	7.2500		S
##	229	0	236171	13.0000		S
##	230	1	4133	25.4667		S
##	232	0	347067	7.7750		S
##	233	0	237442	13.5000		S
##	235	0	C.A. 29566	10.5000		S
##	236	0	W./C. 6609	7.5500		S
##	237	0	26707	26.0000		S
##	239	0	28665	10.5000		S
##	240	0	SCO/W 1585	12.2750		S
	241	0	2665	14.4542		C
	243	0	W./C. 14263	10.5000		S
	244	0	STON/O 2. 3101275	7.1250		S
	245	0	2694	7.2250		C
	246	0	19928	90.0000	C78	Q
	247	0	347071	7.7750		S
	250	0	244252	26.0000		S
	251	0	362316	7.2500	ac	S
	252	1	347054	10.4625 26.5500	G6	S
	253254	0	113514 A/5. 3336	16.1000	C87	S S
	255	2	370129	20.2125		S
	261	0	384461	7.7500		Q
	263	1	110413	79.6500	E67	S
	264	0	112059	0.0000	B94	S
	265	0	382649	7.7500	201	Q
	266	0	C.A. 17248	10.5000		S
	267	1	3101295	39.6875		S
	271	0	113798	31.0000		S
	274	1	PC 17596	29.7000	C118	C
	277	0	347073	7.7500		S
	278	0	239853	0.0000		S
	279	1	382652	29.1250		Q
##	281	0	336439	7.7500		Q
##	282	0	347464	7.8542		S

##	283	0	345778	9.5000		S
	285	0	113056	26.0000	A19	S
##	286	0	349239	8.6625		C
##	288	0	349206	7.8958		S
##	293	0	SC/Paris 2163	12.8750	D	C
##	294	0	349236	8.8500		S
##	295	0	349233	7.8958		S
##	296	0	PC 17612	27.7208		C
	297	0	2693	7.2292		C
	298	2	113781		C22 C26	S
	303	0	LINE	0.0000		S
	305	0	A/5 2466	8.0500		S
	309	0	P/PP 3381	24.0000		C
	313	1	250651	26.0000		S
	314	0	349243	7.8958		S
	315	1	F.C.C. 13529	26.2500		S
	318	0	29011	14.0000		S
	321	0	A/5 21172	7.2500		S
	322	0	349219	7.8958		S
	325	2	CA. 2343	69.5500		S
	327	0	345364	6.2375		S
	332	0	113043	28.5000	C124	S
	333	1	PC 17582		C91	S
	334	0	345764	18.0000		S
	336	0	349225	7.8958		S
	337	0	113776	66.6000	C2	S
##	340	0	113784	35.5000	T	S
	343	0	248740	13.0000		S
##	344	0	244361	13.0000		S
	345	0	229236	13.0000		S
##	350	0	315088	8.6625		S
	351	0	7267	9.2250		S
	352	0	113510	35.0000	C128	S
	353	1	2695	7.2292		C
	354	0	349237	17.8000		S
	355	0	2647	7.2250		C
	356	0	345783	9.5000		S
	358	0	237671	13.0000		S
	361	4	347088	27.9000		S
	362	0	SC/PARIS 2167			C
	363	1	2691	14.4542		C
	364	0	SOTON/O.Q. 3101310	7.0500		S
	365	0	370365	15.5000		Q
	366	0	C 7076	7.2500		S
	372	0	3101267	6.4958		S
	373	0	323951	8.0500		S
	374	0	PC 17760			C
	375	1	349909	21.0750	300	S
	378	2		211.5000	C82	C
	379	0	2648	4.0125		C
	380	0	347069	7.7750		S
	383	0	STON/O 2. 3101293			S
	385	0	349227	7.8958		S
##	386	0	S.O.C. 14879	73.5000		S

	007	_	GA 0444	40.0000		
	387	2	CA 2144	46.9000		S
	389	0	367655	7.7292		Q
	393	0	3101277	7.9250		S
	396	0	350052	7.7958		S
	397	0	350407	7.8542		S
	398	0	28403	26.0000		S
	399	0	244278	10.5000		S
	402	0	341826	8.0500		S
	403	0	4137	9.8250		S
	404	0	STON/02. 3101279	15.8500		S
	405	0	315096	8.6625		S
	406	0	28664	21.0000		S
	407	0	347064	7.7500		S
	409	0	312992	7.7750		S
	410	1	4133	25.4667		S
	411	0	349222	7.8958		S
	412	0	394140	6.8583		Q
	414	0	239853	0.0000		S
	416	0	343095	8.0500		S
	419	0	28228	13.0000		S
	420	2	345773	24.1500		S
	421	0	349254	7.8958		C
	422	0	A/5. 13032	7.7333		Q
	423	0	315082	7.8750		S
	424	1		14.4000		S
	425	1	370129	20.2125		S
	426	0	A/4. 34244	7.2500		S
##	429	0	364851	7.7500		Q
##	434	0	STON/O 2. 3101274	7.1250		S
##	435	0	13507	55.9000	E44	S
##	437	2	W./C. 6608	34.3750		S
##	439	4			C23 C25 C27	S
##	440	0	C.A. 18723	10.5000		S
##	442	0	345769	9.5000		S
	443	0	347076	7.7750		S
	451	2	C.A. 34651	27.7500		S
	452	0	65303	19.9667		S
	453	0	113051	27.7500	C111	C
	455	0	A/5 2817	8.0500		S
	457	0	13509	26.5500	E38	S
	460	0	371060	7.7500		Q
	462	0	364506	8.0500		S
	463	0	111320	38.5000	E63	S
	464	0	234360	13.0000		S
	465	0	A/S 2816	8.0500		S
	466		SOTON/O.Q. 3101306	7.0500		S
	467	0	239853	0.0000		S
	468	0	113792	26.5500		S
	469	0	36209	7.7250		Q
	471	0	323592	7.2500		S
	472	0	315089	8.6625		S
	475	0	7553	9.8375		S
##	476	0	110465	52.0000	A14	S
##	477	0	31027	21.0000		S

##	478	0	3460	7.0458		c
	479	0	350060	7.5208		S S
	481	2	CA 2144	46.9000		S
	482	0	239854	0.0000		S
	483	0	A/5 3594	8.0500		S
	486		4133	25.4667		S
	488	1			D27	C
	489	0	11771	29.7000	B37	
	409	0	A.5. 18509	8.0500 19.9667		S S
	491	0	65304 SOTON/OQ 3101317	7.2500		s S
		0	113787		C30	S
	493 494	0	PC 17609	30.5000	C30	C
	494	0		49.5042		
		0	A/4 45380	8.0500		S
	496	0	2627	14.4583		C
	498	0	C.A. 6212	15.1000	goo goc	S
	499	2		151.5500	C22 C26	S
	500	0	350035	7.7958		S
	501	0	315086	8.6625		S
	502	0	364846	7.7500		Q
	503	0	330909	7.6292		Q
	504	0	4135	9.5875	ace	S
	506	0		108.9000	C65	C
	509	0	C 4001	22.5250		S
	512	0	SOTON/OQ 3101316	8.0500		S
	515	0		7.4958	D.4.0	S
	516	0		34.0208	D46	S
	518	0	371110	24.1500		Q
	520	0	349242	7.8958		S
	522	0	349252	7.8958		S
	523	0	2624	7.2250		C
	525	0	2700	7.2292		C
	526	0	367232	7.7500	go =	Q
	528	0	PC 17483		C95	S
	529	0	3101296	7.9250		S
	530	1	29104	11.5000		S
	532	0	2641	7.2292		C
	533	1	2690	7.2292		C
	535	0	315084	8.6625	700	S
	537	0	113050	26.5500	B38	S
	539	0	364498	14.5000		S
	542	2	347082	31.2750		S
	543	2	347082	31.2750		S
	545	0	PC 17761	106.4250	C86	C
	546	0	693	26.0000		S
	549	1	363291	20.5250		S
	552	0	244358	26.0000		S
	553	0	330979	7.8292		Q
	556	0	113807	26.5500		S
	558	0		227.5250		C
	561	0	372622	7.7500		Q
	562	0	349251	7.8958		S
	563	0	218629	13.5000		S
	564	0	SOTON/OQ 392082	8.0500		S
##	565	0 :	SOTON/O.Q. 392087	8.0500		S

##	566	0	A/4 48871	24.1500		S
	567	0	349205	7.8958		S
	568	4	349909	21.0750		S
	569	0	2686	7.2292		С
	575	0	A/4. 20589	8.0500		S
##	576	0	358585	14.5000		S
	579	0	2689	14.4583		С
	583	0	28403	26.0000		S
##	584	0	13049	40.1250	A10	С
##	585	0	3411	8.7125		С
##	587	0	237565	15.0000		S
##	589	0	14973	8.0500		S
##	590	0	A./5. 3235	8.0500		S
##	591	0	STON/O 2. 3101273	7.1250		S
##	593	0	A/5 3902	7.2500		S
##	594	2	364848	7.7500		Q
##	595	0	SC/AH 29037	26.0000		S
##	596	1	345773	24.1500		S
##	598	0	LINE	0.0000		S
##	599	0	2664	7.2250		C
##	602	0	349214	7.8958		S
##	603	0	113796	42.4000		S
##	604	0	364511	8.0500		S
##	606	0	349910	15.5500		S
##	607	0	349246	7.8958		S
##	611	5	347082	31.2750		S
##	612	0	SOTON/O.Q. 3101305	7.0500		S
##	614	0	370377	7.7500		Q
##	615	0	364512	8.0500		S
##	617	1	347080	14.4000		S
##	618	0	A/5. 3336	16.1000		S
##	620	0	31028	10.5000		S
##	621	0	2659	14.4542		С
##	624	0	350029	7.8542		S
##	625	0	54636	16.1000		S
##	626	0	36963	32.3208	D50	S
##	627	0	219533	12.3500		Q
	629	0	349224	7.8958		S
	630	0	334912	7.7333		Q
	632	0	347743	7.0542		S
	634	0	112052	0.0000		S
	635	2	347088	27.9000		S
##	637	0	STON/O 2. 3101292	7.9250		S
##	638	1	C.A. 31921	26.2500		S
##	639	5	3101295	39.6875		S
##	640	0	376564	16.1000		S
	641	0	350050	7.8542		S
	643	2	347088	27.9000		S S
	647 649	0	349231	7.8958		S
##	651	0	S.O./P.P. 751	7.5500		S
	653	0	349221 8475	7.8958 8.4333		S
	655	0	365226	6.7500		ی Q
##	656	0	S.O.C. 14879	73.5000		ų S
##	000	U	5.0.0. 140/9	13.3000		D

	657	0	349223	7.8958		S
	658	1	364849	15.5000		Q
##	659	0	29751	13.0000		S
##	660	2	35273	113.2750	D48	C
##	662	0	2623	7.2250		C
##	663	0	5727	25.5875	E58	S
##	664	0	349210	7.4958		S
##	666	0	S.O.C. 14879	73.5000		S
##	667	0	234686	13.0000		S
##	668	0	312993	7.7750		S
##	669	0	A/5 3536	8.0500		S
##	672	0	F.C. 12750	52.0000	B71	S
##	673	0	C.A. 24580	10.5000		S
##	675	0	239856	0.0000		S
##	676	0	349912	7.7750		S
##	677	0	342826	8.0500		S
##	679	6	CA 2144	46.9000		S
##	681	0	330935	8.1375		Q
	683	0	6563	9.2250		S
	684	2	CA 2144	46.9000		S
	685	1	29750	39.0000		S
	686	2	SC/Paris 2123	41.5792		C
	687	1	3101295	39.6875		S
	688	0	349228	10.1708		S
	689	0	350036	7.7958		S
	694	0	2672	7.2250		C
	695	0	113800	26.5500		S
	696	0	248731	13.5000		S
	697	0	363592	8.0500		S
	699	1		110.8833	C68	C
	700	0	348121	7.6500	F G63	S
	703	1	2691	14.4542	1 400	C
	704	0	36864	7.7417		Q
	705	0	350025	7.8542		S
	706	0	250655	26.0000		S
	712	0	113028	26.5500	C124	S
	714	0	7545	9.4833	OIZI	S
	715	0	250647	13.0000		S
	716	0	348124	7.6500	F G73	S
	719	0	36568	15.5000	1 470	Q
	720	0	347062	7.7750		S
	722	0	350048	7.0542		S
	723	0	12233	13.0000		S
##	724	0	250643	13.0000		S
##	726	0	315094	8.6625		S
##	729	0	236853	26.0000		S
##	730	0	STON/02. 3101271	7.9250		S
##	732	0	2699	18.7875		C
##	733	0	239855	0.0000		S
##	734	0	28425	13.0000		s S
##				13.0000		s S
	735 736	0 0	233639 54636	16.1000		s S
##	737	3	W./C. 6608	34.3750		s S
						S S
##	739	0	349201	7.8958		۵

740	0	349218	7.8958		S
742	0	19877	78.8500	C46	S
744	0	376566	16.1000		S
746	1	WE/P 5735	71.0000	B22	S
747	1	C.A. 2673	20.2500		S
749	0	113773	53.1000	D30	S
750	0	335097	7.7500		Q
753	0	345780	9.5000		S
754	0	349204	7.8958		S
757	0	350042	7.7958		S
758	0	29108	11.5000		S
759	0	363294	8.0500		S
761	0	358585	14.5000		S
762	0	SOTON/02 3101272	7.1250		S
765	0	347074	7.7750		S
767	0	112379	39.6000		C
768	0	364850	7.7500		Q
769	0	371110	24.1500		Q
770	0	8471	8.3625		S
771	0	345781	9.5000		S
772	0	350047	7.8542		S
773	0	S.O./P.P. 3	10.5000	E77	S
774	0	2674	7.2250		C
776	0	347078	7.7500	E20	S
777	0	383121	7.7500	F38	Q
779	0	36865	7.7375	DC	Q
783	0	113501	30.0000	D6	S
784	2	W./C. 6607	23.4500		S
785	0	SOTON/O.Q. 3101312	7.0500		S
786	0	374887	7.2500 29.1250		S
788 790	1	382652		DO0 DO4	Q C
790	0	PC 17593 12460	79.2000 7.7500	B82 B84	
791	0	239865	26.0000		Q S
793	2	CA. 2343	69.5500		S
794	0	PC 17600	30.6958		C
795	0	349203	7.8958		S
796	0	28213	13.0000		S
799	0	2685	7.2292		C
800	1	345773	24.1500		S
801	0	250647	13.0000		S
806	0	347063	7.7750		S
807	0	112050	0.0000	A36	S
808	0	347087	7.7750	1100	S
809	0	248723	13.0000		S
811	0	3474	7.8875		S
812	0	A/4 48871	24.1500		S
813	0	28206	10.5000		S
814	2	347082	31.2750		S
815	0	364499	8.0500		S
816	0	112058	0.0000	B102	S
817	0	STON/02. 3101290	7.9250	- -	S
818	1	S.C./PARIS 2079	37.0042		C
819	0	C 7075	6.4500		S

##	820	2	347088	27.9000				S
##	823	0	19972	0.0000				S
##	825	1	3101295	39.6875				S
##	826	0	368323	6.9500				Q
##	827	0	1601	56.4958				S
##	833	0	2671	7.2292				C
##	834	0	347468	7.8542				S
##	835	0	2223	8.3000				S
##	837	0	315097	8.6625				S
##	838	0	392092	8.0500				S
##	841	0	SOTON/02 3101287	7.9250				S
##	842	0	S.O./P.P. 3	10.5000				S
##	844	0	2683	6.4375				C
##	845	0	315090	8.6625				S
##	846	0	C.A. 5547	7.5500				S
##	847	2	CA. 2343	69.5500				S
##	848	0	349213	7.8958				C
	849	1	248727	33.0000				S
	851	2	347082	31.2750				S
	852	0	347060	7.7750				S
	853	1	2678	15.2458				C
	855	0	244252	26.0000				S
	860	0	2629	7.2292				C
##	861	0	350026	14.1083				S
##	862	0	28134	11.5000				S
	864	2	CA. 2343	69.5500				S
	865	0	233866	13.0000				S
	868	0	PC 17590	50.4958			A24	S
	869	0	345777	9.5000				S
	871	0	349248	7.8958				S
	873	0	695	5.0000	B51	B53	B55	S
	874	0	345765	9.0000				S
	877	0	7534	9.8458				S
	878	0	349212	7.8958				S
	879	0	349217	7.8958				S
	882	0	349257	7.8958				S
	883	0	7552	10.5167				S
	884	0	C.A./SOTON 34068	10.5000				S
	885	0	SOTON/OQ 392076	7.0500				S
	886	5	382652	29.1250				Q
	887	0	211536	13.0000				S
##	889	2	W./C. 6607	23.4500				S
##	891	0	370376	7.7500				Q