```
1 import numpy as np
2 import pandas as pd
3 import csv
4 import re
5
6 filename = 'Temporary Accommodation Finder.csv'
7
8 rentee = pd.read_csv(filename)
```

```
1 rentee.head()
```

	Timestamp	Name	Gender	Phone number	Email	Budget	P
0	2022/12/03 2:22:25 pm GMT-5	Harshini Chandrika	Female	3026471651	dasriharshini@gmail.com	450-550	
1	2022/12/03 3:47:46 pm GMT-5	Deeksha Patil	Female	8573341246	deekshapatil4@gmail.com	550-650	
2	2022/12/03 5:03:31 pm GMT-5	Neha Murkute	Female	6172384663	murkute2711@gmail.com	550-650	
3	2022/12/03 7:08:38 pm GMT-5	Hirosh Johnson	Male	+919745649136	hiroshjohnson90@gmail.com	450-550	
4	2022/12/04 10:31:15 pm GMT-5	Bharath Chandra Bottu	Male	8575446711	bharathchandra2253@gmail.com	550-650	

```
1 df_dummy = rentee.replace(to_replace = '-', value = ' ', regex = True)
2 renteeBudget = df_dummy.Budget.str.split(expand = True)
```

```
1 renteeBudget.head()
```

	0	1	2	3
0	450	550	None	None
1	550	650	None	None

```
1 List_Min_Budget = renteeBudget[0].to_list()
2 List_Max_Budget = renteeBudget[1].to_list()
3
4 rentee.insert(loc = 5,column = 'Min Budget', value = List_Min_Budget)
5 rentee.insert(loc = 6,column = 'Max Budget', value = List_Max_Budget)
6 rentee.pop('Budget')
```

```
0                          450-550
1                          550-650
2                          550-650
3                          450-550
4                          550-650
5                         750-1000
6                          450-550
7                          650-750
8                          Depends
9                          550-650
10                           1000+
11                        750-1000
12                         550-650
13                         550-650
14                         450-550
15                         550-650
16                        750-1000
17                          15/day
18                        750-1000
19               450-550;550-650
20     450-550;550-650;650-750
21                         550-650
22               450-550;550-650
Name: Budget, dtype: object
```

```
1 rentee.head()
```

	Timestamp	Name	Gender	Phone number	Email	Min Budget	B
0	2022/12/03 2:22:25 pm GMT-5	Harshini Chandrika	Female	3026471651	dasriharshini@gmail.com	450	
1	2022/12/03 3:47:46 pm GMT-5	Deeksha Patil	Female	8573341246	deekshapatil4@gmail.com	550	
2	2022/12/03 5:03:31 pm	Neha Murkute	Female	6172384663	murkute2711@gmail.com	550	

```
1 phoneNumber = rentee["Phone number"].to_list()
2 num = []
```

| 3 | 7:08:38 pm | Johnson | Male | +919745649136 | nirosnjonnson90@gmail.com | 450 | |

```
1 for i in phoneNumber:
2   x = re.findall("\d{10}", i)
3   num.append(x)
4 print(num)
```

```
[['3026471651'], ['8573341246'], ['6172384663'], ['9197456491'], ['8575446711'],
```

```
1 rentee['Phone number'] = num
```

```
1 rentee.head()
```

⇥

	Name	Gender	Phone number	Email	Min Budget	Max Budget	Di Prefer

```
1 rentee.rename(columns={'Phone number': 'PhoneNumber', 'Dietary Preferences': 'Roomr
```

	Name	Gender	Phone number	Email	Min Budget	Max Budget	Di Prefer
0	Harshini Chandrika	Female	[3026471651]	dasriharshini@gmail.com	450	550	Veg
1	Deeksha Patil	Female	[8573341246]	deekshapatil4@gmail.com	550	650	Veg veg b pre
2	Neha Murkute	Female	[6172384663]	murkute2711@gmail.com	550	650	Veg
3	Hirosh Johnson	Male	[9197456491]	hiroshjohnson90@gmail.com	450	550	Veg
4	Bharath Chandra Bottu	Male	[8575446711]	bharathchandra2253@gmail.com	550	650	Veg

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