

```
import pandas as pd
import pandas as pd
import tabula
from tabula import read_pdf
from tabulate import tabulate
from numpy import *
```

Requirement already satisfied: tabulate in c:\users\administrator\anaconda3\lib\site

Convert Pdf into CSV

```
pd.set_option('display.max_rows', None)
df1 = tabula.read_pdf(
    "C:/Users/Administrator/Desktop/Kanini Training/Untitled Folder/bankInput/SBFRE
    pages="all",
    lattice=True,
    pandas_options={"header": [1]},
    area=[0, 0, 100, 100],
    relative_area=True,
    multiple_tables=False,
)
```

```
# replace_nan = isnan(df1)
# df1[replace_nan] = 0
```

```
df1[0]
```

	Date	Value Date \
0	04-JAN-21	04-JAN-2021\r01:02:52 PM
1	06-JAN-21	06-JAN-2021\r05:08:38 PM
2	07-JAN-21	07-JAN-2021\r10:06:48 AM
3	07-JAN-21	07-JAN-2021\r11:03:44 AM
4	07-JAN-21	07-JAN-2021\r11:07:46 AM
5	14-JAN-21	14-JAN-2021\r03:12:10 PM
6	15-JAN-21	15-JAN-2021\r07:03:37 PM
7	16-JAN-21	16-JAN-2021\r08:50:54 PM
8	16-JAN-21	16-JAN-2021\r08:55:14 PM
9	16-JAN-21	16-JAN-2021\r09:56:09 PM
10	16-JAN-21	16-JAN-2021\r09:57:20 PM
11	18-JAN-21	18-JAN-2021\r08:04:48 PM
12	18-JAN-21	18-JAN-2021\r08:04:50 PM
13	22-JAN-21	22-JAN-2021\r09:18:05 PM
14	22-JAN-21	22-JAN-2021\r09:38:17 PM
15	23-JAN-21	23-JAN-2021\r05:03:35 AM
16	30-JAN-21	30-JAN-2021\r07:39:34 PM
17	08-FEB-21	08-FEB-2021\r06:38:51 PM
18	08-FEB-21	08-FEB-2021\r06:39:38 PM

19	15-FEB-21	15-FEB-2021\r12:45:20 PM
20	25-FEB-21	25-FEB-2021\r11:41:29 AM
21	27-FEB-21	27-FEB-2021\r09:15:08 AM
22	27-FEB-21	27-FEB-2021\r02:36:25 PM
23	27-FEB-21	27-FEB-2021\r02:44:06 PM
24	27-FEB-21	27-FEB-2021\r03:03:38 PM
25	01-MAR-21	01-MAR-2021\r03:05:12 PM
26	01-MAR-21	01-MAR-2021\r04:54:01 PM
27	03-MAR-21	03-MAR-2021\r05:42:43 AM
28	05-MAR-21	05-MAR-2021\r11:04:33 AM
29	06-MAR-21	06-MAR-2021\r11:19:26 AM
30	06-MAR-21	06-MAR-2021\r08:15:38 PM
31	07-MAR-21	07-MAR-2021\r03:56:51 PM
32	08-MAR-21	08-MAR-2021\r01:04:18 PM
33	09-MAR-21	09-MAR-2021\r11:56:31 AM
34	10-MAR-21	10-MAR-2021\r01:03:51 PM
35	10-MAR-21	10-MAR-2021\r07:21:37 PM
36	10-MAR-21	10-MAR-2021\r08:03:18 PM
37	12-MAR-21	12-MAR-2021\r02:49:15 PM
38	13-MAR-21	13-MAR-2021\r08:05:34 AM
39	15-MAR-21	15-MAR-2021\r09:23:40 PM
40	15-MAR-21	15-MAR-2021\r09:23:58 PM
41	15-MAR-21	15-MAR-2021\r09:26:47 PM
42	18-MAR-21	18-MAR-2021\r10:47:30 AM
43	18-MAR-21	18-MAR-2021\r02:29:05 PM
44	19-MAR-21	19-MAR-2021\r06:49:01 AM
45	19-MAR-21	19-MAR-2021\r03:41:24 PM
46	20-MAR-21	20-MAR-2021\r04:30:50 AM
47	20-MAR-21	20-MAR-2021\r09:58:52 PM
48	21-MAR-21	21-MAR-2021\r02:17:41 PM
49	21-MAR-21	21-MAR-2021\r03:00:53 PM
50	22-MAR-21	22-MAR-2021\r03:18:44 AM
51	22-MAR-21	22-MAR-2021\r08:36:22 AM
52	22-MAR-21	22-MAR-2021\r01:45:11 PM
53	23-MAR-21	23-MAR-2021\r06:39:22 AM
54	23-MAR-21	23-MAR-2021\r09:49:35 PM
55	24-MAR-21	24-MAR-2021\r04:03:19 AM
56	24-MAR-21	24-MAR-2021\r11:02:26 AM
57	28-MAR-21	28-MAR-2021\r05:47:03 AM
58	05-APR-21	05-APR-2021\r06:29:17 PM
59	05-APR-21	05-APR-2021\r06:59:36 PM
60	06-APR-21	06-APR-2021\r07:18:09 AM
61	06-APR-21	06-APR-2021\r10:34:49 AM
62	07-APR-21	07-APR-2021\r05:50:32 PM
63	08-APR-21	08-APR-2021\r08:48:18 AM
64	08-APR-21	08-APR-2021\r11:33:53 AM
65	09-APR-21	09-APR-2021\r12:52:58 PM
66	09-APR-21	09-APR-2021\r07:11:57 PM
67	10-APR-21	10-APR-2021\r01:49:45 PM
68	18-APR-21	18-APR-2021\r11:10:55 AM
69	20-APR-21	20-APR-2021\r09:42:57 PM

70	20-APR-21	20-APR-2021\r09:52:07 PM
71	22-APR-21	22-APR-2021\r04:12:07 PM
72	26-APR-21	26-APR-2021\r02:28:51 PM
73	07-JUN-21	07-JUN-2021\r03:53:48 AM
74	10-JUN-21	10-JUN-2021\r12:01:29 PM
75	10-JUN-21	10-JUN-2021\r12:57:48 PM
76	28-JUN-21	28-JUN-2021\r11:32:01 AM
77	28-JUN-21	28-JUN-2021\r11:56:56 AM
78	29-JUN-21	29-JUN-2021\r04:26:37 AM
79	06-JUL-21	06-JUL-2021\r05:09:59 PM
80	07-JUL-21	07-JUL-2021\r04:42:35 AM
81	08-JUL-21	08-JUL-2021\r12:18:23 PM
82	09-JUL-21	09-JUL-2021\r07:48:18 AM
83	10-JUL-21	10-JUL-2021\r07:45:16 AM
84	10-JUL-21	10-JUL-2021\r02:16:13 PM
85	10-JUL-21	10-JUL-2021\r09:52:28 PM
86	10-JUL-21	10-JUL-2021\r10:32:28 PM
87	17-JUL-21	17-JUL-2021\r11:03:43 AM
88	18-JUL-21	18-JUL-2021\r08:04:50 PM
89	18-JUL-21	18-JUL-2021\r08:16:24 PM
90	19-JUL-21	19-JUL-2021\r09:39:48 AM
91	23-JUL-21	23-JUL-2021\r05:39:23 PM
92	23-JUL-21	23-JUL-2021\r05:47:25 PM
93	30-JUL-21	30-JUL-2021\r11:57:57 AM
94	05-AUG-21	05-AUG-2021\r05:01:08 PM
95	08-AUG-21	08-AUG-2021\r08:56:46 AM
96	03-SEP-21	03-SEP-2021\r04:45:55 PM
97	03-SEP-21	03-SEP-2021\r06:32:32 PM
98	05-SEP-21	05-SEP-2021\r05:47:47 PM
99	29-SEP-21	29-SEP-2021\r05:53:58 AM
100	06-OCT-21	06-OCT-2021\r02:27:45 PM
101	28-OCT-21	28-OCT-2021\r09:51:15 PM
102	28-OCT-21	28-OCT-2021\r09:54:17 PM
103	28-OCT-21	28-OCT-2021\r10:22:43 PM
104	29-OCT-21	29-OCT-2021\r08:14:05 AM
105	29-OCT-21	29-OCT-2021\r09:53:39 AM
106	29-OCT-21	29-OCT-2021\r02:22:41 PM
107	29-OCT-21	29-OCT-2021\r03:13:12 PM
108	29-OCT-21	29-OCT-2021\r03:13:31 PM
109	30-OCT-21	30-OCT-2021\r05:16:37 PM
110	02-NOV-21	02-NOV-2021\r11:16:33 AM
111	02-NOV-21	02-NOV-2021\r03:24:40 PM
112	04-NOV-21	04-NOV-2021\r01:11:16 PM
113	05-NOV-21	05-NOV-2021\r11:48:45 AM
114	06-NOV-21	06-NOV-2021\r10:01:17 AM
115	06-NOV-21	06-NOV-2021\r10:02:06 AM
116	07-NOV-21	07-NOV-2021\r03:27:33 PM
117	07-NOV-21	07-NOV-2021\r04:22:02 PM
118	07-NOV-21	07-NOV-2021\r04:25:43 PM
119	07-NOV-21	07-NOV-2021\r05:38:43 PM
120	07-NOV-21	07-NOV-2021\r07:17:18 PM

121	07-NOV-21	07-NOV-2021\r09:42:12 PM
122	08-NOV-21	08-NOV-2021\r08:09:35 PM
123	08-NOV-21	08-NOV-2021\r09:15:35 PM
124	08-NOV-21	08-NOV-2021\r09:22:26 PM
125	08-NOV-21	08-NOV-2021\r10:05:08 PM
126	10-NOV-21	10-NOV-2021\r12:45:13 PM
127	10-NOV-21	10-NOV-2021\r12:58:00 PM
128	10-NOV-21	10-NOV-2021\r11:03:22 PM
129	10-NOV-21	10-NOV-2021\r11:05:28 PM
130	11-NOV-21	11-NOV-2021\r12:55:09 PM
131	12-NOV-21	12-NOV-2021\r11:57:16 AM
132	13-NOV-21	13-NOV-2021\r11:54:08 AM
133	13-NOV-21	13-NOV-2021\r06:27:35 PM
134	14-NOV-21	14-NOV-2021\r01:40:11 PM
135	15-NOV-21	15-NOV-2021\r12:45:06 PM
136	15-NOV-21	15-NOV-2021\r01:38:23 PM
137	15-NOV-21	15-NOV-2021\r05:41:45 PM
138	16-NOV-21	16-NOV-2021\r08:18:14 AM
139	18-NOV-21	18-NOV-2021\r09:29:04 AM
140	18-NOV-21	18-NOV-2021\r09:31:06 AM
141	18-NOV-21	18-NOV-2021\r09:31:45 AM
142	18-NOV-21	18-NOV-2021\r06:43:52 PM
143	20-NOV-21	20-NOV-2021\r07:45:13 PM
144	21-NOV-21	21-NOV-2021\r10:32:13 AM
145	21-NOV-21	21-NOV-2021\r06:46:37 PM
146	23-NOV-21	23-NOV-2021\r08:21:26 AM
147	23-NOV-21	23-NOV-2021\r06:15:50 PM
148	26-NOV-21	26-NOV-2021\r02:25:55 PM
149	26-NOV-21	26-NOV-2021\r02:29:48 PM
150	26-NOV-21	26-NOV-2021\r02:43:29 PM
151	26-NOV-21	26-NOV-2021\r02:54:26 PM
152	26-NOV-21	26-NOV-2021\r05:51:42 PM
153	27-NOV-21	27-NOV-2021\r01:43:51 PM
154	28-NOV-21	28-NOV-2021\r12:04:35 PM
155	28-NOV-21	28-NOV-2021\r02:34:47 PM
156	29-NOV-21	29-NOV-2021\r11:02:27 AM
157	30-NOV-21	30-NOV-2021\r07:04:58 PM
158	30-NOV-21	30-NOV-2021\r07:09:27 PM
159	01-DEC-21	01-DEC-2021\r07:43:06 AM
160	01-DEC-21	01-DEC-2021\r07:45:32 AM
161	01-DEC-21	01-DEC-2021\r09:34:25 AM
162	01-DEC-21	01-DEC-2021\r12:39:13 PM
163	01-DEC-21	01-DEC-2021\r12:41:22 PM
164	01-DEC-21	01-DEC-2021\r04:54:08 PM
165	01-DEC-21	01-DEC-2021\r08:18:56 PM
166	02-DEC-21	02-DEC-2021\r09:32:56 AM
167	02-DEC-21	02-DEC-2021\r09:33:54 AM
168	02-DEC-21	02-DEC-2021\r04:27:43 PM
169	03-DEC-21	03-DEC-2021\r09:23:39 AM
170	03-DEC-21	03-DEC-2021\r09:50:34 AM
171	03-DEC-21	03-DEC-2021\r08:06:05 PM

172	03-DEC-21	03-DEC-2021\r08:44:21	PM
173	04-DEC-21	04-DEC-2021\r12:55:09	PM
174	04-DEC-21	04-DEC-2021\r01:14:54	PM
175	04-DEC-21	04-DEC-2021\r01:34:49	PM
176	04-DEC-21	04-DEC-2021\r02:01:15	PM
177	04-DEC-21	04-DEC-2021\r03:47:12	PM
178	04-DEC-21	04-DEC-2021\r04:25:54	PM
179	04-DEC-21	04-DEC-2021\r04:27:22	PM
180	04-DEC-21	04-DEC-2021\r04:40:08	PM
181	04-DEC-21	04-DEC-2021\r07:37:16	PM
182	04-DEC-21	04-DEC-2021\r07:59:55	PM
183	05-DEC-21	05-DEC-2021\r07:59:35	AM
184	05-DEC-21	05-DEC-2021\r10:37:44	AM
185	05-DEC-21	05-DEC-2021\r10:38:22	AM
186	06-DEC-21	06-DEC-2021\r08:43:53	AM
187	06-DEC-21	06-DEC-2021\r11:21:20	AM
188	06-DEC-21	06-DEC-2021\r05:05:25	PM
189	06-DEC-21	06-DEC-2021\r05:08:56	PM
190	06-DEC-21	06-DEC-2021\r05:13:08	PM
191	06-DEC-21	06-DEC-2021\r09:48:10	PM
192	07-DEC-21	07-DEC-2021\r11:09:19	AM
193	07-DEC-21	07-DEC-2021\r04:55:11	PM
194	07-DEC-21	07-DEC-2021\r08:07:52	PM
195	09-DEC-21	09-DEC-2021\r11:46:31	AM
196	09-DEC-21	09-DEC-2021\r12:03:21	PM
197	09-DEC-21	09-DEC-2021\r03:41:16	PM
198	09-DEC-21	09-DEC-2021\r03:42:56	PM
199	09-DEC-21	09-DEC-2021\r04:12:59	PM
200	09-DEC-21	09-DEC-2021\r05:10:18	PM
201	10-DEC-21	10-DEC-2021\r09:06:00	AM
202	11-DEC-21	11-DEC-2021\r06:55:47	AM
203	13-DEC-21	13-DEC-2021\r06:41:19	PM
204	13-DEC-21	13-DEC-2021\r06:42:05	PM
205	14-DEC-21	14-DEC-2021\r12:26:09	PM
206	17-DEC-21	17-DEC-2021\r07:23:00	AM
207	17-DEC-21	17-DEC-2021\r05:03:55	PM
208	18-DEC-21	18-DEC-2021\r09:05:05	PM
209	19-DEC-21	19-DEC-2021\r11:37:05	AM
210	20-DEC-21	20-DEC-2021\r01:23:38	PM
211	20-DEC-21	20-DEC-2021\r01:28:09	PM
212	20-DEC-21	20-DEC-2021\r03:35:31	PM
213	20-DEC-21	20-DEC-2021\r04:58:50	PM
214	20-DEC-21	20-DEC-2021\r05:03:02	PM
215	20-DEC-21	20-DEC-2021\r05:06:15	PM
216	20-DEC-21	20-DEC-2021\r07:24:34	PM
217	20-DEC-21	20-DEC-2021\r08:59:35	PM
218	20-DEC-21	20-DEC-2021\r09:00:14	PM
219	20-DEC-21	20-DEC-2021\r09:00:58	PM
220	20-DEC-21	20-DEC-2021\r10:55:53	PM
221	21-DEC-21	21-DEC-2021\r08:38:53	AM
222	21-DEC-21	21-DEC-2021\r10:18:52	AM

223	21-DEC-21	21-DEC-2021\r10:53:41 AM
224	21-DEC-21	21-DEC-2021\r12:24:01 PM
225	21-DEC-21	21-DEC-2021\r12:53:48 PM
226	21-DEC-21	21-DEC-2021\r01:26:09 PM
227	21-DEC-21	21-DEC-2021\r11:38:04 PM
228	22-DEC-21	22-DEC-2021\r08:40:08 AM
229	NaN	NaN

	Particulars	Tran\rType	\
0	EFT/10048307455 RECHARGE\r7305297028Euronet Se...	D	
1	TO ECM/1889/AIRTEL \AIRTEL	D	
2	TO ECM/9664/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D	
3	TO ECM/4457/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D	
4	TO ECM/6231/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D	
5	CHRG/MOB ALERTDEC20	D	
6	UPIOUT/101519919363\r/shabingilbert20@oksbi/UP...	D	
7	UPI IN/101620365231\r/jothishnirmal10@okicici/...	C	
8	UPI IN/101620407864\r/jothishnirmal10@okicici/...	C	
9	UPI IN/101621424154\r/jothishnirmal10@okicici/...	C	
10	TO ECM/8229/IRCTC E-Ticketing\rApp \IRCTC E-Tic	D	
11	UPI IN/101820150021\r/jothishnirmal10@okicici/...	C	
12	TO ECM/6047/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D	
13	TO ECM/2799/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D	
14	MB FTB/210228020132/JOHN\rFRANC/null/	C	
15	TO ATM/6259/+CANDI BRANCH-\rVELACHER\+CANDI BRAN	D	
16	Rupay Refund 8229 16/01/2021	C	
17	UPIOUT/103918213016\r/jothishnirmal10@okicici/...	D	
18	UPI IN/103918840662/goog-\rpayment@okaxis/Rewa...	C	
19	TO ECM/9099/HTTPS WWW AIRTEL\rIN BA\HTTPS WWW A	D	
20	CASH: RATHA	C	
21	TO ATM/1279/+CANDI BRANCH-\rVELACHER\+CANDI BRAN	D	
22	POS/9743/BALA SUPER SHOP\r\BALA SUPER /14:36	D	
23	MB FTB/210586694813/JOTHIS NIR\r/null/	C	
24	POS/8266/MRF SEA FOODS CHIC\r\MRF SEA FOO/15:03	D	
25	CASH: RATHA	C	
26	TO ECM/8487/Indian Railway\rCaterin\Indian Rail	D	
27	TO ATM/6765/BPCL -\rPALLIKARANAI \BPCL - PALL	D	
28	POS/1878/BALA SUPER SHOP\r\BALA SUPER /11:04	D	
29	POS/8848/BALA SUPER SHOP\r\BALA SUPER /11:19	D	
30	POS/2492/BALA SUPER SHOP\r\BALA SUPER /20:15	D	
31	POS/9065/P K SHEFI \P K SHEFI /15:\r56	D	
32	TO ATM/8047/++CANDI BRANCH-\rVELACHE\++CANDI BRA	D	
33	CASH: RATHA	C	
34	CASH: SELF	C	
35	TO ATM/5173/+VELACHERY\rCHENNAI \+VELACHERY	D	
36	POS/2507/OOTY VEGETABLES\rAND FR\OOTY VEGETA/2...	D	
37	MB FTB/210715912560/JOTHIS NIR//	C	
38	TO ATM/8595/+VELACHERY\rCHENNAI \+VELACHERY	D	
39	UPI IN/107421412292\r/lesinselva27@okicici/UPI...	C	
40	MB FTB/210749955544/JOTHIS NIR//	C	
41	TO ATM/6126/VELACHERY\rTAMBARAM \VELACHERY	D	

42		CASH:RATHA	C
43	TO ATM/3670/+CANDI BRANCH-\rVELACHER\+CANDI BRAN		D
44	CHRG/ATM TXN/15-03-2021 107421		D
45	POS/8292/BALA SUPER SHOP\r\BALA SUPER /15:41		D
46	CHRG/ATM TXN/17-03-2021 107617		D
47	POS/9977/MOHAMMED RAFEEQ P\r\MOHAMMED RA/21:58		D
48	TO ATM/8874/+CANDI BRANCH-\rVELACHER\+CANDI BRAN		D
49	POS/5861/AR RAHMAN BIRIYANI\r\AR RAHMAN B/15:00		D
50	CHRG/ATM TXN/18-03-2021 107714		D
51	MB FTB/210817602746/JOTHIS NIR//		C
52	TO ATM/5008/++CANDI BRANCH-\rVELACHE\++CANDI BRA		D
53	CHRG/ATM TXN/18-03-2021 107714		D
54	POS/1518/BALA SUPER SHOP\r106779\BALA SUPER /2...		D
55	CHRG/ATM TXN/21-03-2021 108014		D
56	UPIOUT/108311774244\r/shyamw1641999@okicici/UP...		D
57	SBINT:29-12-2020 to 27-03-2021\r[19060100046088]		C
58	UPI IN/109518156305/bharathk654-\r1@okicici/UP...		C
59	UPI IN/109518651328\r/kobeyogi2409@okaxis/UPI/...		C
60	CHRG/ATM TXN/22-03-2021 108113		D
61	POS/0614/KING PETROLEUM \KING\rPETROL/10:34		D
62	TO ATM/9933/FBL-KOLLENCODE\r\KANNANAGAM		D
63	UPI IN/109808139237\r/prathappappu1433@oksbi/p...		C
64	TO ECM/4579/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM		D
65	TO ATM/0997/FBL-KOLLENCODE\r\KANNANAGAM		D
66	UPIOUT/109919816278\r/jothishnirmall10@okaxis/U...		D
67	Rupay Refund 0614 06/04/2021		C
68	UPI IN/110811412892\r/samananthi17@oksbi/UPI/0000		C
69	UPI IN/111021950357\r/vinodhalexander007@okaxi...		C
70	UPIOUT/111062731401\r/7598545948@ybl/Payment f...		D
71	POS/4789/JACKYS PETROLEUM\r\JACKYS PETR/16:12		D
72	Rupay Refund 4789 22/04/2021		C
73	CHRG/ATM FEE/2021/XX9577		D
74	MB FTB/211611458488/JOTHIS NIR//		C
75	TO ATM/7655/FBL-KOLLENCODE\r\KANNANAGAM		D
76	BY CDM/8729/FBL-KOLLENCODE \		C
77	UPIOUT/117905661706\r/9583737735@upi/Murukaswe...		D
78	SBINT:28-03-2021 to 28-06-2021\r[19060100046088]		C
79	UPI IN/118702903786/lesindas@ybl\r/Payment fro...		C
80	CHRG/ATM FEE/2021/XX9577		D
81	UPI IN/118924365991\r/jothishnirmall10@okhdfcba...		C
82	TO ATM/2929/+VELACHERY\rCHENNAI \+VELACHERY		D
83	TO ECM/0666/UtilitiesCC \UtilitiesCC		D
84	UPI IN/119114909947\r/vinodhalexander007@okaxi...		C
85	TO ATM/6858/MADURAI E-CORNER\r\MADURAI E-C		D
86	UPIOUT/119122257898\r/pradeepalbernas@oksbi/UP...		D
87	CHRG/MOB ALERTJUN21		D
88	POS/8802/JACKYS PETROLEUM\r\JACKYS PETR/20:04		D
89	TO ATM/5531/280 12 JERALD\rCOMPLEX \280 12 JERA		D
90	UPI IN/120066469998\r/07121998akin@ybl/Payment...		C
91	MB FTB/212043693688/JOTHIS NIR//		C
92	UPIOUT/120417551087\r/josmisro789@oksbi/UPI/0000		D

93	UPI IN/121111313997\r\bharathk654@oksbi/UPI/0000	C
94	UPI IN/121762066485\r/07121998akin@ybl/Payment...	C
95	UPIOUT/122008441226/euronetgpay.\rpay@icici/UP...	D
96	MB FTB/212468900353/JOTHIS NIR//	C
97	POS/8718/SURESH KUMAR S\r\SURESH KUMA/18:32	D
98	TO ATM/0772/SBI KOLLEMKODE\r\SBI KOLLEMK	D
99	SBINT:29-06-2021 to 28-09-2021\r[19060100046088]	C
100	UPI IN/127914763476\r/kakshaya101@oksbi/vachuk...	C
101	UPIOUT/130159210301\r/pradeepalbernas@oksbi/UP...	D
102	FT IMPS/IFI/130121109593/VIJIN\rALEXANDER/Hi	C
103	UPIOUT/130159538538\r/ajayyssa@okhdfcbank/UPI/...	D
104	FT IMPS/IFI/130208730361/VIJIN\rALEXANDER/Hi	C
105	UPIOUT/130262023121\r/q77405552@ybl/UPI/0000	D
106	UPIOUT/130266376831\gpay-\r11166182298@okbizax...	D
107	UPIOUT/130267179054\gpay-\r11166182298@okbizax...	D
108	UPIOUT/130267171907\gpay-\r11166182298@okbizax...	D
109	FT IMPS/IFI/130317094032/VIJIN\rALEXANDER/Hi	C
110	UPIOUT/130628112893/9443791228-\r1@okbizaxis/U...	D
111	UPIOUT/130632664630\r/q24472161@ybl/UPI/0000	D
112	UPIOUT/130864903873\r/q24472161@ybl/UPI/0000	D
113	UPIOUT/130977122989\r/q05998947@ybl/UPI/0000	D
114	FT IMPS/IFI/131010938646/VIJIN\rALEXANDER/Hi	C
115	UPIOUT/131088943267/lesinselva27-\r1@okhdfcban...	D
116	UPI IN/131165248035\r/murugeswaril48@okicici/U...	C
117	UPIOUT/131108098564/lesinselva27-\r1@okhdfcban...	D
118	UPIOUT/131108152222/megilsojin14-\r1@okhdfcban...	D
119	UPI IN/131109131129\r/jothishnirmal10@okhdfcba...	C
120	POS/9840/SURESH KUMAR S\r\SURESH KUMA/19:17	D
121	UPIOUT/131113171500\r/jothishnirmal10@okhdfcba...	D
122	UPI IN/131227546865\r/vinodhalexander007@okaxi...	C
123	UPIOUT/131227067213\r/20455548574@sbin0071021....	D
124	FT IMPS/IFI/131221501825/VIJIN\rALEXANDER/Hi	C
125	UPIOUT/131227687706\r/murugeswaril48@okicici/U...	D
126	UPI IN/131403748079\r/murugeswaril48@okicici/U...	C
127	UPIOUT/131447547498\r/sharonselva0@okaxis/UPI/...	D
128	BY CDM/2804/FBL-KOLLENCODE \	C
129	UPIOUT/131457261048\r/johnjithin121@oksbi/UPI/...	D
130	CASH: SELF	C
131	FT IMPS/IFI/131611801658/VIJIN\rALEXANDER/Hi	C
132	UPIOUT/131789545438\r/abhinandsree98-1@okaxis/...	D
133	TO ECM/5371\r/echallanparivahanSBIEP\echallanpar	D
134	UPIOUT/131805348099\r/jothishnirmal10@okhdfcba...	D
135	CASH: SELF	C
136	MB IMPS/IFO/131913934468\r/IDIB000S165/JEPPXXX...	D
137	UPIOUT/131917827042\r/clowismartin85@okicici/U...	D
138	UPI IN/132073500927/goog-\rpayment@okaxis/UPI/...	C
139	UPIOUT/132209244484/billdesk.\rrepaid-mobile@...	D
140	UPIOUT/132209252067/billdesk.\rrepaid-mobile@...	D
141	UPIOUT/132209269578/billdeskpay.\rrepaid-mobi...	D
142	UPIOUT/132218971033\r/josmisro789@oksbi/UPI/0000	D
143	POS/6240/SURESH KUMAR S\r\SURESH KUMA/19:45	D

144	UPIOUT/132510375693\r/q95906482@ybl/UPI/0000	D
145	UPIOUT/132518996785\r/q26546115@ybl/UPI/0000	D
146	UPIOUT/132708354696\r/tsenterprise@fbl/UPI/5172	D
147	UPIOUT/132718390380\r/jenifervictor663@okaxis/...	D
148	BY CDM/6662/FBL-KOLLENCODE \	C
149	UPIOUT/133014512175\r/tsenterprise@fbl/UPI/5172	D
150	BY CDM/6671/FBL-KOLLENCODE \	C
151	MB FTB/213300140103/VIJIN ALEX\r/null/	D
152	UPIOUT/133017874784\r/q95906482@ybl/UPI/0000	D
153	TO ATM/8960/FBL-KOLLENCODE\r\KANNANAGAM	D
154	UPIOUT/133211869627/paytm-\r651536@paytm/Oid10...	D
155	UPIOUT/133214985170\r/q24472161@ybl/UPI/0000	D
156	UPIOUT/133311289773\r/josmisro789@oksbi/UPI/0000	D
157	UPI IN/133484442578\r/lijinkuttankp1269@okicici...	C
158	UPIOUT/133419068020\r/Q42043094@ybl/Fedmobile ...	D
159	FT IMPS/IFI/133507393904/VIJIN\rALEXANDER/Hi	C
160	UPIOUT/133507225605\r/murugeswari148@okicici/U...	D
161	UPIOUT/133540498547/paytm-\r651536@paytm/Oid10...	D
162	UPIOUT/133512846456\r/lijinkuttankp1269@okicici...	D
163	MB FTB/213350680259/VIJIN ALEX\r/null/	D
164	TO ATM/0602/FBL-KOLLENCODE\r\KANNANAGAM	D
165	UPIOUT/133520081109\r/9597731876@ybl/Fedmobile...	D
166	FT IMPS/IFI/133609790162/VIJIN\rALEXANDER/Hi	C
167	UPIOUT/133609773393/lesinselva27-\r1@okhdfcbn...	D
168	UPIOUT/133616915694\r/9447389513@axl/UPI/0000	D
169	UPI IN/133722116856\r/murugeswari148@okicici/U...	C
170	UPIOUT/133709887721\r/aalishprofs@okaxis/UPI/0000	D
171	UPIOUT/133720164638\r/rabiyashahji02-1@okicici...	D
172	FT IMPS/IFI/133720085004/VIJIN\rALEXANDER/Hi	C
173	UPIOUT/133812029681\r/paytmqr2810050501011bcfg...	D
174	UPIOUT/133813031693/gpay-\r11180048502@okbizax...	D
175	UPIOUT/133813033830\r/Q925425877@ybl/Fedmobile...	D
176	POS/7777/VAIRAM BANGLES\r\VAIRAM BANG/14:01	D
177	UPI IN/133844174151\r/vijittaalexander2101@oki...	C
178	UPI IN/133899408817\r/jothishnirmal10@okhdfcba...	C
179	POS/3921/HOTEL TKM PANDIAAS\r\HOTEL TKM P/16:27	D
180	POS/2606/CHN MEDAVAKKAM\rIBACO \CHN MEDAVA/16:40	D
181	UPIOUT/133819073106\r/paytmqr2810050501011m3hk...	D
182	TO ATM/3585/TAMBARAM RWST-I-\rOFF \TAMBARAM RW	D
183	UPI IN/133908413633/liston.s1988-\r1@okhdfcbn...	C
184	TO ATM/1949/FBL-KOLLENCODE\r\KANNANAGAM	D
185	TO ATM/1950/FBL-KOLLENCODE\r\KANNANAGAM	D
186	UPIOUT/134008255084\r/q02218423@ybl/UPI/7299	D
187	UPIOUT/134011585541/gpay-\r11166182987@okbizax...	D
188	FT IMPS/IFI/134017362552\r/SHANDRA/IMPS	C
189	UPIOUT/134017617631\r/tsenterprise@fbl/UPI/5172	D
190	UPIOUT/134017055779\r/br104723c@fbl/Passport/4816	D
191	UPIOUT/134021149360/9443791228-\r1@okbizaxis/p...	D
192	FT IMPS/IFI/134111501453\r/SHANDRA/IMPS	C
193	UPIOUT/134116486540\r/ajeeshantony122001@oksbi...	D
194	UPIOUT/134120192382\r/q50768917@ybl/UPI/7299	D

195	CASH: SELF	C
196	MB FTB/213432647643/VIJIN ALEX//	D
197	BY CDM/0665/FBL-KOLLENCODE \	C
198	BY CDM/0668/FBL-KOLLENCODE \	C
199	MB FTB/213433341745/VIJIN ALEX//	D
200	UPIOUT/134317032114\r/chandrasekharan@fbl/UPI/...	D
201	UPIOUT/134409141346/9443791228-\r1@okbizaxis/p...	D
202	UPI IN/134576488541/goog-\rpayment@okaxis/UPI/...	C
203	UPI IN/134718662801\r/shabingilbert20@oksbi/UP...	C
204	UPIOUT/134718668407\r/murugeswari148@okicici/U...	D
205	FT IMPS/IFI/134812990059\r/SHANDRA/IMPS	C
206	POS/9048/APOLLO PHARMACY\r/APOLLO PHAR/07:23	D
207	UPIOUT/135117085865\r/vijittaalexander2101@oki...	D
208	TO ATM/8377/SBI KOLLEMKODE\r\SBI KOLLEMK	D
209	UPI IN/135371846728\r/murugeswari148@okicici/U...	C
210	UPIOUT/135413525584\r/jjenistan781@okhdfcbank/...	D
211	UPIOUT/135413611984\r/shabingilbert20@oksbi/UP...	D
212	UPI IN/135415850410\r/shabingilbert20@oksbi/UP...	C
213	UPIOUT/135416214908\r/shabingilbert20@oksbi/UP...	D
214	UPI IN/135417259416\r/shabingilbert20@oksbi/UP...	C
215	UPI IN/135417361301\r/shabingilbert20@oksbi/UP...	C
216	UPIOUT/135419323340\r/clowismartin85@okicici/U...	D
217	TO ATM/7828/FBL-KOLLENCODE\r\KANNANAGAM	D
218	TO ATM/7829/FBL-KOLLENCODE\r\KANNANAGAM	D
219	TO ATM/7830/FBL-KOLLENCODE\r\KANNANAGAM	D
220	UPIOUT/135422572102/bugati.\rjegan@okicici/UPI...	D
221	POS/4780/BLM BAZAAR \BLM\rBAZAAR /08:38	D
222	POS/2747/T S ENTERPRISE \T S\rENTERPR/10:18	D
223	UPIOUT/135510682381\r/jjenistan781@okhdfcbank/...	D
224	UPIOUT/135512212366\r/shabingilbert20@oksbi/UP...	D
225	UPI IN/135502797706\r/shyamw1641999@okicici/UP...	C
226	UPI IN/135544995111\r/sharonselfva0@okaxis/UPI/...	C
227	UPIOUT/135523612910/euronetgpay.\rpay@icici/UP...	D
228	UPIOUT/135608707740\r/q24472161@ybl/UPI/0000	D
229	GRAND TOTAL	NaN

	Cheque\rDetails	Withdrawals	Deposits	Balance
0	NaN	48.00	NaN	1293.78
1	NaN	48.00	NaN	1245.78
2	NaN	99.00	NaN	1146.78
3	NaN	54.00	NaN	1092.78
4	NaN	54.00	NaN	1038.78
5	NaN	0.50	NaN	1038.28
6	NaN	16.00	NaN	1022.28
7	NaN	NaN	300.0	1322.28
8	NaN	NaN	100.0	1422.28
9	NaN	NaN	100.0	1522.28
10	NaN	507.70	NaN	1014.58
11	NaN	NaN	40.0	1054.58
12	NaN	33.00	NaN	1021.58
13	NaN	10.00	NaN	1011.58

14	NaN	NaN	800.0	1811.58
15	NaN	800.00	NaN	1011.58
16	NaN	NaN	370.0	1381.58
17	NaN	350.00	NaN	1031.58
18	NaN	NaN	9.0	1040.58
19	NaN	39.00	NaN	1001.58
20	NaN	NaN	750.0	1751.58
21	NaN	500.00	NaN	1251.58
22	NaN	150.00	NaN	1101.58
23	NaN	NaN	100.0	1201.58
24	NaN	200.00	NaN	1001.58
25	NaN	NaN	2000.0	3001.58
26	NaN	258.19	NaN	2743.39
27	NaN	500.00	NaN	2243.39
28	NaN	274.50	NaN	1968.89
29	NaN	50.00	NaN	1918.89
30	NaN	65.00	NaN	1853.89
31	NaN	300.00	NaN	1553.89
32	NaN	500.00	NaN	1053.89
33	NaN	NaN	500.0	1553.89
34	NaN	NaN	2000.0	3553.89
35	NaN	2500.00	NaN	1053.89
36	NaN	50.00	NaN	1003.89
37	NaN	NaN	500.0	1503.89
38	NaN	500.00	NaN	1003.89
39	NaN	NaN	100.0	1103.89
40	NaN	NaN	100.0	1203.89
41	NaN	200.00	NaN	1003.89
42	NaN	NaN	1500.0	2503.89
43	NaN	500.00	NaN	2003.89
44	NaN	12.00	NaN	1991.89
45	NaN	617.00	NaN	1374.89
46	NaN	12.00	NaN	1362.89
47	NaN	120.00	NaN	1242.89
48	NaN	200.00	NaN	1042.89
49	NaN	28.00	NaN	1014.89
50	NaN	13.00	NaN	1001.89
51	NaN	NaN	800.0	1801.89
52	NaN	700.00	NaN	1101.89
53	NaN	11.00	NaN	1090.89
54	NaN	50.00	NaN	1040.89
55	NaN	24.00	NaN	1016.89
56	NaN	16.00	NaN	1000.89
57	NaN	NaN	8.0	1008.89
58	NaN	NaN	1250.0	2258.89
59	NaN	NaN	1250.0	3508.89
60	NaN	24.00	NaN	3484.89
61	NaN	200.00	NaN	3284.89
62	NaN	200.00	NaN	3084.89
63	NaN	NaN	1250.0	4334.89
64	NaN	11.00	NaN	4323.89

65	NaN	300.00	NaN	4023.89
66	NaN	3000.00	NaN	1023.89
67	NaN	NaN	1.5	1025.39
68	NaN	NaN	200.0	1225.39
69	NaN	NaN	820.0	2045.39
70	NaN	820.00	NaN	1225.39
71	NaN	200.00	NaN	1025.39
72	NaN	NaN	1.5	1026.89
73	NaN	25.00	NaN	1001.89
74	NaN	NaN	5000.0	6001.89
75	NaN	5000.00	NaN	1001.89
76	NaN	NaN	2000.0	3001.89
77	NaN	2000.00	NaN	1001.89
78	NaN	NaN	7.0	1008.89
79	NaN	NaN	200.0	1208.89
80	NaN	152.00	NaN	1056.89
81	NaN	NaN	1500.0	2556.89
82	NaN	1000.00	NaN	1556.89
83	NaN	149.00	NaN	1407.89
84	NaN	NaN	100.0	1507.89
85	NaN	100.00	NaN	1407.89
86	NaN	50.00	NaN	1357.89
87	NaN	0.50	NaN	1357.39
88	NaN	50.00	NaN	1307.39
89	NaN	300.00	NaN	1007.39
90	NaN	NaN	50.0	1057.39
91	NaN	NaN	100.0	1157.39
92	NaN	100.00	NaN	1057.39
93	NaN	NaN	50.0	1107.39
94	NaN	NaN	100.0	1207.39
95	NaN	149.00	NaN	1058.39
96	NaN	NaN	1500.0	2558.39
97	NaN	1160.00	NaN	1398.39
98	NaN	300.00	NaN	1098.39
99	NaN	NaN	7.0	1105.39
100	NaN	NaN	1.0	1106.39
101	NaN	1.00	NaN	1105.39
102	NaN	NaN	1500.0	2605.39
103	NaN	1500.00	NaN	1105.39
104	NaN	NaN	400.0	1505.39
105	NaN	100.00	NaN	1405.39
106	NaN	123.00	NaN	1282.39
107	NaN	120.00	NaN	1162.39
108	NaN	120.00	NaN	1042.39
109	NaN	NaN	380.0	1422.39
110	NaN	100.00	NaN	1322.39
111	NaN	124.00	NaN	1198.39
112	NaN	72.00	NaN	1126.39
113	NaN	100.00	NaN	1026.39
114	NaN	NaN	3400.0	4426.39
115	NaN	3000.00	NaN	1426.39

116	NaN	NaN	2000.0	3426.39
117	NaN	1.00	NaN	3425.39
118	NaN	500.00	NaN	2925.39
119	NaN	NaN	2000.0	4925.39
120	NaN	1775.00	NaN	3150.39
121	NaN	2000.00	NaN	1150.39
122	NaN	NaN	2400.0	3550.39
123	NaN	560.00	NaN	2990.39
124	NaN	NaN	20.0	3010.39
125	NaN	2000.00	NaN	1010.39
126	NaN	NaN	1500.0	2510.39
127	NaN	1000.00	NaN	1510.39
128	NaN	NaN	2500.0	4010.39
129	NaN	2518.00	NaN	1492.39
130	NaN	NaN	5000.0	6492.39
131	NaN	NaN	14.0	6506.39
132	NaN	50.00	NaN	6456.39
133	NaN	200.00	NaN	6256.39
134	NaN	2000.00	NaN	4256.39
135	NaN	NaN	2000.0	6256.39
136	NaN	1000.00	NaN	5256.39
137	NaN	1500.00	NaN	3756.39
138	NaN	NaN	5.0	3761.39
139	NaN	10.00	NaN	3751.39
140	NaN	49.00	NaN	3702.39
141	NaN	10.00	NaN	3692.39
142	NaN	50.00	NaN	3642.39
143	NaN	923.00	NaN	2719.39
144	NaN	120.00	NaN	2599.39
145	NaN	300.00	NaN	2299.39
146	NaN	100.00	NaN	2199.39
147	NaN	60.00	NaN	2139.39
148	NaN	NaN	500.0	2639.39
149	NaN	130.00	NaN	2509.39
150	NaN	NaN	4500.0	7009.39
151	NaN	5000.00	NaN	2009.39
152	NaN	99.00	NaN	1910.39
153	NaN	500.00	NaN	1410.39
154	NaN	161.80	NaN	1248.59
155	NaN	136.00	NaN	1112.59
156	NaN	30.00	NaN	1082.59
157	NaN	NaN	240.0	1322.59
158	NaN	320.00	NaN	1002.59
159	NaN	NaN	6200.0	7202.59
160	NaN	1500.00	NaN	5702.59
161	NaN	251.80	NaN	5450.79
162	NaN	240.00	NaN	5210.79
163	NaN	2000.00	NaN	3210.79
164	NaN	500.00	NaN	2710.79
165	NaN	1000.00	NaN	1710.79
166	NaN	NaN	10000.0	11710.79

167	NaN	10000.00	NaN	1710.79
168	NaN	20.00	NaN	1690.79
169	NaN	NaN	2500.0	4190.79
170	NaN	500.00	NaN	3690.79
171	NaN	1600.00	NaN	2090.79
172	NaN	NaN	1710.0	3800.79
173	NaN	340.00	NaN	3460.79
174	NaN	100.00	NaN	3360.79
175	NaN	150.00	NaN	3210.79
176	NaN	186.00	NaN	3024.79
177	NaN	NaN	300.0	3324.79
178	NaN	NaN	500.0	3824.79
179	NaN	620.00	NaN	3204.79
180	NaN	528.00	NaN	2676.79
181	NaN	74.00	NaN	2602.79
182	NaN	500.00	NaN	2102.79
183	NaN	NaN	15000.0	17102.79
184	NaN	10000.00	NaN	7102.79
185	NaN	5000.00	NaN	2102.79
186	NaN	19.00	NaN	2083.79
187	NaN	88.00	NaN	1995.79
188	NaN	NaN	1500.0	3495.79
189	NaN	100.00	NaN	3395.79
190	NaN	1800.00	NaN	1595.79
191	NaN	90.00	NaN	1505.79
192	NaN	NaN	300.0	1805.79
193	NaN	200.00	NaN	1605.79
194	NaN	146.00	NaN	1459.79
195	NaN	NaN	32000.0	33459.79
196	NaN	32000.00	NaN	1459.79
197	NaN	NaN	27000.0	28459.79
198	NaN	NaN	3000.0	31459.79
199	NaN	30000.00	NaN	1459.79
200	NaN	120.00	NaN	1339.79
201	NaN	100.00	NaN	1239.79
202	NaN	NaN	6.0	1245.79
203	NaN	NaN	2500.0	3745.79
204	NaN	2500.00	NaN	1245.79
205	NaN	NaN	50000.0	51245.79
206	NaN	150.00	NaN	51095.79
207	NaN	500.00	NaN	50595.79
208	NaN	100.00	NaN	50495.79
209	NaN	NaN	4000.0	54495.79
210	NaN	3000.00	NaN	51495.79
211	NaN	500.00	NaN	50995.79
212	NaN	NaN	500.0	51495.79
213	NaN	60.00	NaN	51435.79
214	NaN	NaN	48.0	51483.79
215	NaN	NaN	12.0	51495.79
216	NaN	1000.00	NaN	50495.79
217	NaN	10000.00	NaN	40495.79

218	NaN	10000.00	NaN	30495.79
219	NaN	5000.00	NaN	25495.79
220	NaN	6000.00	NaN	19495.79
221	NaN	65.00	NaN	19430.79
222	NaN	250.00	NaN	19180.79
223	NaN	250.00	NaN	18930.79
224	NaN	200.00	NaN	18730.79
225	NaN	NaN	1160.0	19890.79
226	NaN	NaN	1200.0	21090.79
227	NaN	58.00	NaN	21032.79
228	NaN	50.00	NaN	20982.79
229	NaN	193618.99	213260.0	NaN

```
df1[0]["Date"] = pd.to_datetime(df1[0]["Date"])
```

```
df1[0].to_csv('C:/Users/Administrator/Desktop/Kanini Training/Untitled Folder/bankOu
#,df1[0]["Date"])
```

```
# this is path where file will be saved which is converted into csv
```

Visualization

```
import matplotlib.pyplot as plt
```

```
data = pd.read_csv ( 'C:/Users/Administrator/Desktop/Kanini Training/Untitled Folder
# replace_nan = isnan(df)
# df[replace_nan] = 0
```

```
data
```

```
#df=data.fillna(0)
```

```
#df=data.iloc[:,-1,:]
```

```
#df
```

	Unnamed: 0	Date	Value Date \
0	0	2021-01-04	04-JAN-2021\r01:02:52 PM
1	1	2021-01-06	06-JAN-2021\r05:08:38 PM
2	2	2021-01-07	07-JAN-2021\r10:06:48 AM
3	3	2021-01-07	07-JAN-2021\r11:03:44 AM
4	4	2021-01-07	07-JAN-2021\r11:07:46 AM
5	5	2021-01-14	14-JAN-2021\r03:12:10 PM
6	6	2021-01-15	15-JAN-2021\r07:03:37 PM
7	7	2021-01-16	16-JAN-2021\r08:50:54 PM
8	8	2021-01-16	16-JAN-2021\r08:55:14 PM
9	9	2021-01-16	16-JAN-2021\r09:56:09 PM
10	10	2021-01-16	16-JAN-2021\r09:57:20 PM
11	11	2021-01-18	18-JAN-2021\r08:04:48 PM
12	12	2021-01-18	18-JAN-2021\r08:04:50 PM
13	13	2021-01-22	22-JAN-2021\r09:18:05 PM
14	14	2021-01-22	22-JAN-2021\r09:38:17 PM
15	15	2021-01-23	23-JAN-2021\r05:03:35 AM
16	16	2021-01-30	30-JAN-2021\r07:39:34 PM
17	17	2021-02-08	08-FEB-2021\r06:38:51 PM
18	18	2021-02-08	08-FEB-2021\r06:39:38 PM
19	19	2021-02-15	15-FEB-2021\r12:45:20 PM
20	20	2021-02-25	25-FEB-2021\r11:41:29 AM

21	21	2021-02-27	27-FEB-2021\r09:15:08 AM
22	22	2021-02-27	27-FEB-2021\r02:36:25 PM
23	23	2021-02-27	27-FEB-2021\r02:44:06 PM
24	24	2021-02-27	27-FEB-2021\r03:03:38 PM
25	25	2021-03-01	01-MAR-2021\r03:05:12 PM
26	26	2021-03-01	01-MAR-2021\r04:54:01 PM
27	27	2021-03-03	03-MAR-2021\r05:42:43 AM
28	28	2021-03-05	05-MAR-2021\r11:04:33 AM
29	29	2021-03-06	06-MAR-2021\r11:19:26 AM
30	30	2021-03-06	06-MAR-2021\r08:15:38 PM
31	31	2021-03-07	07-MAR-2021\r03:56:51 PM
32	32	2021-03-08	08-MAR-2021\r01:04:18 PM
33	33	2021-03-09	09-MAR-2021\r11:56:31 AM
34	34	2021-03-10	10-MAR-2021\r01:03:51 PM
35	35	2021-03-10	10-MAR-2021\r07:21:37 PM
36	36	2021-03-10	10-MAR-2021\r08:03:18 PM
37	37	2021-03-12	12-MAR-2021\r02:49:15 PM
38	38	2021-03-13	13-MAR-2021\r08:05:34 AM
39	39	2021-03-15	15-MAR-2021\r09:23:40 PM
40	40	2021-03-15	15-MAR-2021\r09:23:58 PM
41	41	2021-03-15	15-MAR-2021\r09:26:47 PM
42	42	2021-03-18	18-MAR-2021\r10:47:30 AM
43	43	2021-03-18	18-MAR-2021\r02:29:05 PM
44	44	2021-03-19	19-MAR-2021\r06:49:01 AM
45	45	2021-03-19	19-MAR-2021\r03:41:24 PM
46	46	2021-03-20	20-MAR-2021\r04:30:50 AM
47	47	2021-03-20	20-MAR-2021\r09:58:52 PM
48	48	2021-03-21	21-MAR-2021\r02:17:41 PM
49	49	2021-03-21	21-MAR-2021\r03:00:53 PM
50	50	2021-03-22	22-MAR-2021\r03:18:44 AM
51	51	2021-03-22	22-MAR-2021\r08:36:22 AM
52	52	2021-03-22	22-MAR-2021\r01:45:11 PM
53	53	2021-03-23	23-MAR-2021\r06:39:22 AM
54	54	2021-03-23	23-MAR-2021\r09:49:35 PM
55	55	2021-03-24	24-MAR-2021\r04:03:19 AM
56	56	2021-03-24	24-MAR-2021\r11:02:26 AM
57	57	2021-03-28	28-MAR-2021\r05:47:03 AM
58	58	2021-04-05	05-APR-2021\r06:29:17 PM
59	59	2021-04-05	05-APR-2021\r06:59:36 PM
60	60	2021-04-06	06-APR-2021\r07:18:09 AM
61	61	2021-04-06	06-APR-2021\r10:34:49 AM
62	62	2021-04-07	07-APR-2021\r05:50:32 PM
63	63	2021-04-08	08-APR-2021\r08:48:18 AM
64	64	2021-04-08	08-APR-2021\r11:33:53 AM
65	65	2021-04-09	09-APR-2021\r12:52:58 PM
66	66	2021-04-09	09-APR-2021\r07:11:57 PM
67	67	2021-04-10	10-APR-2021\r01:49:45 PM
68	68	2021-04-18	18-APR-2021\r11:10:55 AM
69	69	2021-04-20	20-APR-2021\r09:42:57 PM
70	70	2021-04-20	20-APR-2021\r09:52:07 PM
71	71	2021-04-22	22-APR-2021\r04:12:07 PM

72	72	2021-04-26	26-APR-2021\r02:28:51 PM
73	73	2021-06-07	07-JUN-2021\r03:53:48 AM
74	74	2021-06-10	10-JUN-2021\r12:01:29 PM
75	75	2021-06-10	10-JUN-2021\r12:57:48 PM
76	76	2021-06-28	28-JUN-2021\r11:32:01 AM
77	77	2021-06-28	28-JUN-2021\r11:56:56 AM
78	78	2021-06-29	29-JUN-2021\r04:26:37 AM
79	79	2021-07-06	06-JUL-2021\r05:09:59 PM
80	80	2021-07-07	07-JUL-2021\r04:42:35 AM
81	81	2021-07-08	08-JUL-2021\r12:18:23 PM
82	82	2021-07-09	09-JUL-2021\r07:48:18 AM
83	83	2021-07-10	10-JUL-2021\r07:45:16 AM
84	84	2021-07-10	10-JUL-2021\r02:16:13 PM
85	85	2021-07-10	10-JUL-2021\r09:52:28 PM
86	86	2021-07-10	10-JUL-2021\r10:32:28 PM
87	87	2021-07-17	17-JUL-2021\r11:03:43 AM
88	88	2021-07-18	18-JUL-2021\r08:04:50 PM
89	89	2021-07-18	18-JUL-2021\r08:16:24 PM
90	90	2021-07-19	19-JUL-2021\r09:39:48 AM
91	91	2021-07-23	23-JUL-2021\r05:39:23 PM
92	92	2021-07-23	23-JUL-2021\r05:47:25 PM
93	93	2021-07-30	30-JUL-2021\r11:57:57 AM
94	94	2021-08-05	05-AUG-2021\r05:01:08 PM
95	95	2021-08-08	08-AUG-2021\r08:56:46 AM
96	96	2021-09-03	03-SEP-2021\r04:45:55 PM
97	97	2021-09-03	03-SEP-2021\r06:32:32 PM
98	98	2021-09-05	05-SEP-2021\r05:47:47 PM
99	99	2021-09-29	29-SEP-2021\r05:53:58 AM
100	100	2021-10-06	06-OCT-2021\r02:27:45 PM
101	101	2021-10-28	28-OCT-2021\r09:51:15 PM
102	102	2021-10-28	28-OCT-2021\r09:54:17 PM
103	103	2021-10-28	28-OCT-2021\r10:22:43 PM
104	104	2021-10-29	29-OCT-2021\r08:14:05 AM
105	105	2021-10-29	29-OCT-2021\r09:53:39 AM
106	106	2021-10-29	29-OCT-2021\r02:22:41 PM
107	107	2021-10-29	29-OCT-2021\r03:13:12 PM
108	108	2021-10-29	29-OCT-2021\r03:13:31 PM
109	109	2021-10-30	30-OCT-2021\r05:16:37 PM
110	110	2021-11-02	02-NOV-2021\r11:16:33 AM
111	111	2021-11-02	02-NOV-2021\r03:24:40 PM
112	112	2021-11-04	04-NOV-2021\r01:11:16 PM
113	113	2021-11-05	05-NOV-2021\r11:48:45 AM
114	114	2021-11-06	06-NOV-2021\r10:01:17 AM
115	115	2021-11-06	06-NOV-2021\r10:02:06 AM
116	116	2021-11-07	07-NOV-2021\r03:27:33 PM
117	117	2021-11-07	07-NOV-2021\r04:22:02 PM
118	118	2021-11-07	07-NOV-2021\r04:25:43 PM
119	119	2021-11-07	07-NOV-2021\r05:38:43 PM
120	120	2021-11-07	07-NOV-2021\r07:17:18 PM
121	121	2021-11-07	07-NOV-2021\r09:42:12 PM
122	122	2021-11-08	08-NOV-2021\r08:09:35 PM

123	123	2021-11-08	08-NOV-2021\r09:15:35 PM
124	124	2021-11-08	08-NOV-2021\r09:22:26 PM
125	125	2021-11-08	08-NOV-2021\r10:05:08 PM
126	126	2021-11-10	10-NOV-2021\r12:45:13 PM
127	127	2021-11-10	10-NOV-2021\r12:58:00 PM
128	128	2021-11-10	10-NOV-2021\r11:03:22 PM
129	129	2021-11-10	10-NOV-2021\r11:05:28 PM
130	130	2021-11-11	11-NOV-2021\r12:55:09 PM
131	131	2021-11-12	12-NOV-2021\r11:57:16 AM
132	132	2021-11-13	13-NOV-2021\r11:54:08 AM
133	133	2021-11-13	13-NOV-2021\r06:27:35 PM
134	134	2021-11-14	14-NOV-2021\r01:40:11 PM
135	135	2021-11-15	15-NOV-2021\r12:45:06 PM
136	136	2021-11-15	15-NOV-2021\r01:38:23 PM
137	137	2021-11-15	15-NOV-2021\r05:41:45 PM
138	138	2021-11-16	16-NOV-2021\r08:18:14 AM
139	139	2021-11-18	18-NOV-2021\r09:29:04 AM
140	140	2021-11-18	18-NOV-2021\r09:31:06 AM
141	141	2021-11-18	18-NOV-2021\r09:31:45 AM
142	142	2021-11-18	18-NOV-2021\r06:43:52 PM
143	143	2021-11-20	20-NOV-2021\r07:45:13 PM
144	144	2021-11-21	21-NOV-2021\r10:32:13 AM
145	145	2021-11-21	21-NOV-2021\r06:46:37 PM
146	146	2021-11-23	23-NOV-2021\r08:21:26 AM
147	147	2021-11-23	23-NOV-2021\r06:15:50 PM
148	148	2021-11-26	26-NOV-2021\r02:25:55 PM
149	149	2021-11-26	26-NOV-2021\r02:29:48 PM
150	150	2021-11-26	26-NOV-2021\r02:43:29 PM
151	151	2021-11-26	26-NOV-2021\r02:54:26 PM
152	152	2021-11-26	26-NOV-2021\r05:51:42 PM
153	153	2021-11-27	27-NOV-2021\r01:43:51 PM
154	154	2021-11-28	28-NOV-2021\r12:04:35 PM
155	155	2021-11-28	28-NOV-2021\r02:34:47 PM
156	156	2021-11-29	29-NOV-2021\r11:02:27 AM
157	157	2021-11-30	30-NOV-2021\r07:04:58 PM
158	158	2021-11-30	30-NOV-2021\r07:09:27 PM
159	159	2021-12-01	01-DEC-2021\r07:43:06 AM
160	160	2021-12-01	01-DEC-2021\r07:45:32 AM
161	161	2021-12-01	01-DEC-2021\r09:34:25 AM
162	162	2021-12-01	01-DEC-2021\r12:39:13 PM
163	163	2021-12-01	01-DEC-2021\r12:41:22 PM
164	164	2021-12-01	01-DEC-2021\r04:54:08 PM
165	165	2021-12-01	01-DEC-2021\r08:18:56 PM
166	166	2021-12-02	02-DEC-2021\r09:32:56 AM
167	167	2021-12-02	02-DEC-2021\r09:33:54 AM
168	168	2021-12-02	02-DEC-2021\r04:27:43 PM
169	169	2021-12-03	03-DEC-2021\r09:23:39 AM
170	170	2021-12-03	03-DEC-2021\r09:50:34 AM
171	171	2021-12-03	03-DEC-2021\r08:06:05 PM
172	172	2021-12-03	03-DEC-2021\r08:44:21 PM
173	173	2021-12-04	04-DEC-2021\r12:55:09 PM

174	174	2021-12-04	04-DEC-2021\r01:14:54 PM
175	175	2021-12-04	04-DEC-2021\r01:34:49 PM
176	176	2021-12-04	04-DEC-2021\r02:01:15 PM
177	177	2021-12-04	04-DEC-2021\r03:47:12 PM
178	178	2021-12-04	04-DEC-2021\r04:25:54 PM
179	179	2021-12-04	04-DEC-2021\r04:27:22 PM
180	180	2021-12-04	04-DEC-2021\r04:40:08 PM
181	181	2021-12-04	04-DEC-2021\r07:37:16 PM
182	182	2021-12-04	04-DEC-2021\r07:59:55 PM
183	183	2021-12-05	05-DEC-2021\r07:59:35 AM
184	184	2021-12-05	05-DEC-2021\r10:37:44 AM
185	185	2021-12-05	05-DEC-2021\r10:38:22 AM
186	186	2021-12-06	06-DEC-2021\r08:43:53 AM
187	187	2021-12-06	06-DEC-2021\r11:21:20 AM
188	188	2021-12-06	06-DEC-2021\r05:05:25 PM
189	189	2021-12-06	06-DEC-2021\r05:08:56 PM
190	190	2021-12-06	06-DEC-2021\r05:13:08 PM
191	191	2021-12-06	06-DEC-2021\r09:48:10 PM
192	192	2021-12-07	07-DEC-2021\r11:09:19 AM
193	193	2021-12-07	07-DEC-2021\r04:55:11 PM
194	194	2021-12-07	07-DEC-2021\r08:07:52 PM
195	195	2021-12-09	09-DEC-2021\r11:46:31 AM
196	196	2021-12-09	09-DEC-2021\r12:03:21 PM
197	197	2021-12-09	09-DEC-2021\r03:41:16 PM
198	198	2021-12-09	09-DEC-2021\r03:42:56 PM
199	199	2021-12-09	09-DEC-2021\r04:12:59 PM
200	200	2021-12-09	09-DEC-2021\r05:10:18 PM
201	201	2021-12-10	10-DEC-2021\r09:06:00 AM
202	202	2021-12-11	11-DEC-2021\r06:55:47 AM
203	203	2021-12-13	13-DEC-2021\r06:41:19 PM
204	204	2021-12-13	13-DEC-2021\r06:42:05 PM
205	205	2021-12-14	14-DEC-2021\r12:26:09 PM
206	206	2021-12-17	17-DEC-2021\r07:23:00 AM
207	207	2021-12-17	17-DEC-2021\r05:03:55 PM
208	208	2021-12-18	18-DEC-2021\r09:05:05 PM
209	209	2021-12-19	19-DEC-2021\r11:37:05 AM
210	210	2021-12-20	20-DEC-2021\r01:23:38 PM
211	211	2021-12-20	20-DEC-2021\r01:28:09 PM
212	212	2021-12-20	20-DEC-2021\r03:35:31 PM
213	213	2021-12-20	20-DEC-2021\r04:58:50 PM
214	214	2021-12-20	20-DEC-2021\r05:03:02 PM
215	215	2021-12-20	20-DEC-2021\r05:06:15 PM
216	216	2021-12-20	20-DEC-2021\r07:24:34 PM
217	217	2021-12-20	20-DEC-2021\r08:59:35 PM
218	218	2021-12-20	20-DEC-2021\r09:00:14 PM
219	219	2021-12-20	20-DEC-2021\r09:00:58 PM
220	220	2021-12-20	20-DEC-2021\r10:55:53 PM
221	221	2021-12-21	21-DEC-2021\r08:38:53 AM
222	222	2021-12-21	21-DEC-2021\r10:18:52 AM
223	223	2021-12-21	21-DEC-2021\r10:53:41 AM
224	224	2021-12-21	21-DEC-2021\r12:24:01 PM

225	225	2021-12-21	21-DEC-2021\r12:53:48 PM
226	226	2021-12-21	21-DEC-2021\r01:26:09 PM
227	227	2021-12-21	21-DEC-2021\r11:38:04 PM
228	228	2021-12-22	22-DEC-2021\r08:40:08 AM
229	229	NaN	NaN

	Particulars	Tran\rType	\
0	EFT/10048307455 RECHARGE\r7305297028Euronet Se...	D	
1	TO ECM/1889/AIRTEL \AIRTEL	D	
2	TO ECM/9664/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D	
3	TO ECM/4457/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D	
4	TO ECM/6231/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D	
5	CHRG/MOB ALERTDEC20	D	
6	UPIOUT/101519919363\r/shabingilbert20@oksbi/UP...	D	
7	UPI IN/101620365231\r/jothishnirmal10@okicici/...	C	
8	UPI IN/101620407864\r/jothishnirmal10@okicici/...	C	
9	UPI IN/101621424154\r/jothishnirmal10@okicici/...	C	
10	TO ECM/8229/IRCTC E-Ticketing\rApp \IRCTC E-Tic	D	
11	UPI IN/101820150021\r/jothishnirmal10@okicici/...	C	
12	TO ECM/6047/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D	
13	TO ECM/2799/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D	
14	MB FTB/210228020132/JOHN\rFRANC/null/	C	
15	TO ATM/6259/+CANDI BRANCH-\rVELACHER\+CANDI BRAN	D	
16	Rupay Refund 8229 16/01/2021	C	
17	UPIOUT/103918213016\r/jothishnirmal10@okicici/...	D	
18	UPI IN/103918840662/goog-\rpayment@okaxis/Rewa...	C	
19	TO ECM/9099/HTTPS WWW AIRTEL\rIN BA\HTTPS WWW A	D	
20	CASH: RATHA	C	
21	TO ATM/1279/+CANDI BRANCH-\rVELACHER\+CANDI BRAN	D	
22	POS/9743/BALA SUPER SHOP\r\BALA SUPER /14:36	D	
23	MB FTB/210586694813/JOTHIS NIR\r/null/	C	
24	POS/8266/MRF SEA FOODS CHIC\r\MRF SEA FOO/15:03	D	
25	CASH: RATHA	C	
26	TO ECM/8487/Indian Railway\rCaterin\Indian Rail	D	
27	TO ATM/6765/BPCL -\rPALLIKARANAI \BPCL - PALL	D	
28	POS/1878/BALA SUPER SHOP\r\BALA SUPER /11:04	D	
29	POS/8848/BALA SUPER SHOP\r\BALA SUPER /11:19	D	
30	POS/2492/BALA SUPER SHOP\r\BALA SUPER /20:15	D	
31	POS/9065/P K SHEFI \P K SHEFI /15:\r56	D	
32	TO ATM/8047/++CANDI BRANCH-\rVELACHE\++CANDI BRA	D	
33	CASH: RATHA	C	
34	CASH: SELF	C	
35	TO ATM/5173/+VELACHERY\rCHENNAI \+VELACHERY	D	
36	POS/2507/OOTY VEGETABLES\rAND FR\OOTY VEGETA/2...	D	
37	MB FTB/210715912560/JOTHIS NIR//	C	
38	TO ATM/8595/+VELACHERY\rCHENNAI \+VELACHERY	D	
39	UPI IN/107421412292\r/lesinselva27@okicici/UPI...	C	
40	MB FTB/210749955544/JOTHIS NIR//	C	
41	TO ATM/6126/VELACHERY\rTAMBARAM \VELACHERY	D	
42	CASH:RATHA	C	
43	TO ATM/3670/+CANDI BRANCH-\rVELACHER\+CANDI BRAN	D	

44	CHRG/ATM TXN/15-03-2021 107421	D
45	POS/8292/BALA SUPER SHOP\r\BALA SUPER /15:41	D
46	CHRG/ATM TXN/17-03-2021 107617	D
47	POS/9977/MOHAMMED RAFEEQ P\r\MOHAMMED RA/21:58	D
48	TO ATM/8874/+CANDI BRANCH-\rVELACHER\+CANDI BRAN	D
49	POS/5861/AR RAHMAN BIRIYANI\r\AR RAHMAN B/15:00	D
50	CHRG/ATM TXN/18-03-2021 107714	D
51	MB FTB/210817602746/JOTHIS NIR//	C
52	TO ATM/5008/++CANDI BRANCH-\rVELACHE\++CANDI BRA	D
53	CHRG/ATM TXN/18-03-2021 107714	D
54	POS/1518/BALA SUPER SHOP\r106779\BALA SUPER /2...	D
55	CHRG/ATM TXN/21-03-2021 108014	D
56	UPIOUT/108311774244\r/shyamw1641999@okicici/UP...	D
57	SBINT:29-12-2020 to 27-03-2021\r[19060100046088]	C
58	UPI IN/109518156305/bharathk654-\r1@okicici/UP...	C
59	UPI IN/109518651328\r/kobeyogi2409@okaxis/UPI/...	C
60	CHRG/ATM TXN/22-03-2021 108113	D
61	POS/0614/KING PETROLEUM \KING\rPETROL/10:34	D
62	TO ATM/9933/FBL-KOLLENCODE\r\KANNANAGAM	D
63	UPI IN/109808139237\r/prathappappu1433@oksbi/p...	C
64	TO ECM/4579/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D
65	TO ATM/0997/FBL-KOLLENCODE\r\KANNANAGAM	D
66	UPIOUT/109919816278\r/jothishnirmall10@okaxis/U...	D
67	Rupay Refund 0614 06/04/2021	C
68	UPI IN/110811412892\r/samananthi17@oksbi/UPI/0000	C
69	UPI IN/111021950357\r/vinodhalexander007@okaxi...	C
70	UPIOUT/111062731401\r/7598545948@ybl/Payment f...	D
71	POS/4789/JACKYS PETROLEUM\r\JACKYS PETR/16:12	D
72	Rupay Refund 4789 22/04/2021	C
73	CHRG/ATM FEE/2021/XX9577	D
74	MB FTB/211611458488/JOTHIS NIR//	C
75	TO ATM/7655/FBL-KOLLENCODE\r\KANNANAGAM	D
76	BY CDM/8729/FBL-KOLLENCODE \	C
77	UPIOUT/117905661706\r/9583737735@upi/Murukaswe...	D
78	SBINT:28-03-2021 to 28-06-2021\r[19060100046088]	C
79	UPI IN/118702903786/lesindas@ybl\r/Payment fro...	C
80	CHRG/ATM FEE/2021/XX9577	D
81	UPI IN/118924365991\r/jothishnirmall10@okhdfcba...	C
82	TO ATM/2929/+VELACHERY\rCHENNAI \+VELACHERY	D
83	TO ECM/0666/UtilitiesCC \UtilitiesCC	D
84	UPI IN/119114909947\r/vinodhalexander007@okaxi...	C
85	TO ATM/6858/MADURAI E-CORNER\r\MADURAI E-C	D
86	UPIOUT/119122257898\r/pradeepalbernas@oksbi/UP...	D
87	CHRG/MOB ALERTJUN21	D
88	POS/8802/JACKYS PETROLEUM\r\JACKYS PETR/20:04	D
89	TO ATM/5531/280 12 JERALD\rCOMPLEX \280 12 JERA	D
90	UPI IN/120066469998\r/07121998akin@ybl/Payment...	C
91	MB FTB/212043693688/JOTHIS NIR//	C
92	UPIOUT/120417551087\r/josmisro789@oksbi/UPI/0000	D
93	UPI IN/121111313997\r/bharathk654@oksbi/UPI/0000	C
94	UPI IN/121762066485\r/07121998akin@ybl/Payment...	C

95	UPIOUT/122008441226/euronetgpay.\rpay@icici/UP...	D
96	MB FTB/212468900353/JOTHIS NIR//	C
97	POS/8718/SURESH KUMAR S\r\SURESH KUMA/18:32	D
98	TO ATM/0772/SBI KOLLEMKODE\r\SBI KOLLEMK	D
99	SBINT:29-06-2021 to 28-09-2021\r[19060100046088]	C
100	UPI IN/127914763476\r/kakshaya101@oksbi/vachuk...	C
101	UPIOUT/130159210301\r/pradeepalbernas@oksbi/UP...	D
102	FT IMPS/IFI/130121109593/VIJIN\rALEXANDER/Hi	C
103	UPIOUT/130159538538\r/ajayyssa@okhdfcbank/UPI/...	D
104	FT IMPS/IFI/130208730361/VIJIN\rALEXANDER/Hi	C
105	UPIOUT/130262023121\r/q77405552@ybl/UPI/0000	D
106	UPIOUT/130266376831\gpay-\r11166182298@okbizax...	D
107	UPIOUT/130267179054\gpay-\r11166182298@okbizax...	D
108	UPIOUT/130267171907\gpay-\r11166182298@okbizax...	D
109	FT IMPS/IFI/130317094032/VIJIN\rALEXANDER/Hi	C
110	UPIOUT/130628112893/9443791228-\r1@okbizaxis/U...	D
111	UPIOUT/130632664630\r/q24472161@ybl/UPI/0000	D
112	UPIOUT/130864903873\r/q24472161@ybl/UPI/0000	D
113	UPIOUT/130977122989\r/q05998947@ybl/UPI/0000	D
114	FT IMPS/IFI/131010938646/VIJIN\rALEXANDER/Hi	C
115	UPIOUT/131088943267/lesinselva27-\r1@okhdfcban...	D
116	UPI IN/131165248035\r/murugeswaril48@okicici/U...	C
117	UPIOUT/131108098564/lesinselva27-\r1@okhdfcban...	D
118	UPIOUT/131108152222/megilsojin14-\r1@okhdfcban...	D
119	UPI IN/131109131129\r/jothishnirmal10@okhdfcba...	C
120	POS/9840/SURESH KUMAR S\r\SURESH KUMA/19:17	D
121	UPIOUT/131113171500\r/jothishnirmal10@okhdfcba...	D
122	UPI IN/131227546865\r/vinodhalexander007@okaxi...	C
123	UPIOUT/131227067213\r/20455548574@sbin0071021....	D
124	FT IMPS/IFI/131221501825/VIJIN\rALEXANDER/Hi	C
125	UPIOUT/131227687706\r/murugeswaril48@okicici/U...	D
126	UPI IN/131403748079\r/murugeswaril48@okicici/U...	C
127	UPIOUT/131447547498\r/sharonselva0@okaxis/UPI/...	D
128	BY CDM/2804/FBL-KOLLENCODE \	C
129	UPIOUT/131457261048\r/johnjithin121@oksbi/UPI/...	D
130	CASH: SELF	C
131	FT IMPS/IFI/131611801658/VIJIN\rALEXANDER/Hi	C
132	UPIOUT/131789545438\r/abhinandsree98-1@okaxis/...	D
133	TO ECM/5371\r/echallanparivahanSBIEP\echallanpar	D
134	UPIOUT/131805348099\r/jothishnirmal10@okhdfcba...	D
135	CASH: SELF	C
136	MB IMPS/IFO/131913934468\r/IDIB000S165/JEPPXXX...	D
137	UPIOUT/131917827042\r/clowismartin85@okicici/U...	D
138	UPI IN/132073500927/goog-\rpayment@okaxis/UPI/...	C
139	UPIOUT/132209244484/billdesk.\rrepaid-mobile@...	D
140	UPIOUT/132209252067/billdesk.\rrepaid-mobile@...	D
141	UPIOUT/132209269578/billdeskpay.\rrepaid-mobi...	D
142	UPIOUT/132218971033\r/josmisro789@oksbi/UPI/0000	D
143	POS/6240/SURESH KUMAR S\r\SURESH KUMA/19:45	D
144	UPIOUT/132510375693\r/q95906482@ybl/UPI/0000	D
145	UPIOUT/132518996785\r/q26546115@ybl/UPI/0000	D

146	UPIOUT/132708354696\r/tsenterprise@fbl/UPI/5172	D
147	UPIOUT/132718390380\r/jenifervictor663@okaxis/...	D
148	BY CDM/6662/FBL-KOLLENCODE \	C
149	UPIOUT/133014512175\r/tsenterprise@fbl/UPI/5172	D
150	BY CDM/6671/FBL-KOLLENCODE \	C
151	MB FTB/213300140103/VIJIN ALEX\r/null/	D
152	UPIOUT/133017874784\r/q95906482@ybl/UPI/0000	D
153	TO ATM/8960/FBL-KOLLENCODE\r\KANNANAGAM	D
154	UPIOUT/133211869627/paytm-\r651536@paytm/Oid10...	D
155	UPIOUT/133214985170\r/q24472161@ybl/UPI/0000	D
156	UPIOUT/133311289773\r/josmisro789@oksbi/UPI/0000	D
157	UPI IN/133484442578\r/lijinkuttankp1269@okicici...	C
158	UPIOUT/133419068020\r/Q42043094@ybl/Fedmobile ...	D
159	FT IMPS/IFI/133507393904/VIJIN\r/ALEXANDER/Hi	C
160	UPIOUT/133507225605\r/murugeswari148@okicici/U...	D
161	UPIOUT/133540498547/paytm-\r651536@paytm/Oid10...	D
162	UPIOUT/133512846456\r/lijinkuttankp1269@okicici...	D
163	MB FTB/213350680259/VIJIN ALEX\r/null/	D
164	TO ATM/0602/FBL-KOLLENCODE\r\KANNANAGAM	D
165	UPIOUT/133520081109\r/9597731876@ybl/Fedmobile...	D
166	FT IMPS/IFI/133609790162/VIJIN\r/ALEXANDER/Hi	C
167	UPIOUT/133609773393/lesinselva27-\r1@okhdfcbn...	D
168	UPIOUT/133616915694\r/9447389513@axl/UPI/0000	D
169	UPI IN/133722116856\r/murugeswari148@okicici/U...	C
170	UPIOUT/133709887721\r/aalishprofs@okaxis/UPI/0000	D
171	UPIOUT/133720164638\r/rabiyashahji02-1@okicici...	D
172	FT IMPS/IFI/133720085004/VIJIN\r/ALEXANDER/Hi	C
173	UPIOUT/133812029681\r/paytmqr2810050501011bcfg...	D
174	UPIOUT/133813031693/gpay-\r11180048502@okbizax...	D
175	UPIOUT/133813033830\r/Q925425877@ybl/Fedmobile...	D
176	POS/7777/VAIRAM BANGLES\r\VAIRAM BANG/14:01	D
177	UPI IN/133844174151\r/vijittaalexander2101@oki...	C
178	UPI IN/133899408817\r/jothishnirmal10@okhdfcba...	C
179	POS/3921/HOTEL TKM PANDIAAS\r\HOTEL TKM P/16:27	D
180	POS/2606/CHN MEDAVAKKAM\rIBACO \CHN MEDAVA/16:40	D
181	UPIOUT/133819073106\r/paytmqr2810050501011m3hk...	D
182	TO ATM/3585/TAMBARAM RWST-I-\rOFF \TAMBARAM RW	D
183	UPI IN/133908413633/liston.s1988-\r1@okhdfcbn...	C
184	TO ATM/1949/FBL-KOLLENCODE\r\KANNANAGAM	D
185	TO ATM/1950/FBL-KOLLENCODE\r\KANNANAGAM	D
186	UPIOUT/134008255084\r/q02218423@ybl/UPI/7299	D
187	UPIOUT/134011585541/gpay-\r11166182987@okbizax...	D
188	FT IMPS/IFI/134017362552\r/SHANDRA/IMPS	C
189	UPIOUT/134017617631\r/tsenterprise@fbl/UPI/5172	D
190	UPIOUT/134017055779\r/br104723c@fbl/Passport/4816	D
191	UPIOUT/134021149360/9443791228-\r1@okbizaxis/p...	D
192	FT IMPS/IFI/134111501453\r/SHANDRA/IMPS	C
193	UPIOUT/134116486540\r/ajeeshantony122001@oksbi...	D
194	UPIOUT/134120192382\r/q50768917@ybl/UPI/7299	D
195	CASH: SELF	C
196	MB FTB/213432647643/VIJIN ALEX//	D

197	BY CDM/0665/FBL-KOLLENCODE \	C
198	BY CDM/0668/FBL-KOLLENCODE \	C
199	MB FTB/213433341745/VIJIN ALEX//	D
200	UPIOUT/134317032114\r/chandrasekharan@fbl/UPI/...	D
201	UPIOUT/134409141346/9443791228-\r1@okbizaxis/p...	D
202	UPI IN/134576488541/goog-\rpayment@okaxis/UPI/...	C
203	UPI IN/134718662801\r/shabingilbert20@oksbi/UP...	C
204	UPIOUT/134718668407\r/murugeswaril48@okicici/U...	D
205	FT IMPS/IFI/134812990059\r/SHANDRA/IMPS	C
206	POS/9048/APOLLO PHARMACY\r/APOLLO PHAR/07:23	D
207	UPIOUT/135117085865\r/vijittaalexander2101@oki...	D
208	TO ATM/8377/SBI KOLLEMKODE\r/SBI KOLLEMK	D
209	UPI IN/135371846728\r/murugeswaril48@okicici/U...	C
210	UPIOUT/135413525584\r/jjenistan781@okhdfcbank/...	D
211	UPIOUT/135413611984\r/shabingilbert20@oksbi/UP...	D
212	UPI IN/135415850410\r/shabingilbert20@oksbi/UP...	C
213	UPIOUT/135416214908\r/shabingilbert20@oksbi/UP...	D
214	UPI IN/135417259416\r/shabingilbert20@oksbi/UP...	C
215	UPI IN/135417361301\r/shabingilbert20@oksbi/UP...	C
216	UPIOUT/135419323340\r/clowismartin85@okicici/U...	D
217	TO ATM/7828/FBL-KOLLENCODE\r/KANNANAGAM	D
218	TO ATM/7829/FBL-KOLLENCODE\r/KANNANAGAM	D
219	TO ATM/7830/FBL-KOLLENCODE\r/KANNANAGAM	D
220	UPIOUT/135422572102/bugati.\rjegan@okicici/UPI...	D
221	POS/4780/BLM BAZAAR \BLM\rBAZAAR /08:38	D
222	POS/2747/T S ENTERPRISE \T S\rENTERPR/10:18	D
223	UPIOUT/135510682381\r/jjenistan781@okhdfcbank/...	D
224	UPIOUT/135512212366\r/shabingilbert20@oksbi/UP...	D
225	UPI IN/135502797706\r/shyamw1641999@okicici/UP...	C
226	UPI IN/135544995111\r/sharonselva0@okaxis/UPI/...	C
227	UPIOUT/135523612910/euronetgpay.\rpay@icici/UP...	D
228	UPIOUT/135608707740\r/q24472161@ybl/UPI/0000	D
229	GRAND TOTAL	NaN

	Cheque\rDetails	Withdrawals	Deposits	Balance
0	NaN	48.00	NaN	1293.78
1	NaN	48.00	NaN	1245.78
2	NaN	99.00	NaN	1146.78
3	NaN	54.00	NaN	1092.78
4	NaN	54.00	NaN	1038.78
5	NaN	0.50	NaN	1038.28
6	NaN	16.00	NaN	1022.28
7	NaN	NaN	300.0	1322.28
8	NaN	NaN	100.0	1422.28
9	NaN	NaN	100.0	1522.28
10	NaN	507.70	NaN	1014.58
11	NaN	NaN	40.0	1054.58
12	NaN	33.00	NaN	1021.58
13	NaN	10.00	NaN	1011.58
14	NaN	NaN	800.0	1811.58
15	NaN	800.00	NaN	1011.58

16	NaN	NaN	370.0	1381.58
17	NaN	350.00	NaN	1031.58
18	NaN	NaN	9.0	1040.58
19	NaN	39.00	NaN	1001.58
20	NaN	NaN	750.0	1751.58
21	NaN	500.00	NaN	1251.58
22	NaN	150.00	NaN	1101.58
23	NaN	NaN	100.0	1201.58
24	NaN	200.00	NaN	1001.58
25	NaN	NaN	2000.0	3001.58
26	NaN	258.19	NaN	2743.39
27	NaN	500.00	NaN	2243.39
28	NaN	274.50	NaN	1968.89
29	NaN	50.00	NaN	1918.89
30	NaN	65.00	NaN	1853.89
31	NaN	300.00	NaN	1553.89
32	NaN	500.00	NaN	1053.89
33	NaN	NaN	500.0	1553.89
34	NaN	NaN	2000.0	3553.89
35	NaN	2500.00	NaN	1053.89
36	NaN	50.00	NaN	1003.89
37	NaN	NaN	500.0	1503.89
38	NaN	500.00	NaN	1003.89
39	NaN	NaN	100.0	1103.89
40	NaN	NaN	100.0	1203.89
41	NaN	200.00	NaN	1003.89
42	NaN	NaN	1500.0	2503.89
43	NaN	500.00	NaN	2003.89
44	NaN	12.00	NaN	1991.89
45	NaN	617.00	NaN	1374.89
46	NaN	12.00	NaN	1362.89
47	NaN	120.00	NaN	1242.89
48	NaN	200.00	NaN	1042.89
49	NaN	28.00	NaN	1014.89
50	NaN	13.00	NaN	1001.89
51	NaN	NaN	800.0	1801.89
52	NaN	700.00	NaN	1101.89
53	NaN	11.00	NaN	1090.89
54	NaN	50.00	NaN	1040.89
55	NaN	24.00	NaN	1016.89
56	NaN	16.00	NaN	1000.89
57	NaN	NaN	8.0	1008.89
58	NaN	NaN	1250.0	2258.89
59	NaN	NaN	1250.0	3508.89
60	NaN	24.00	NaN	3484.89
61	NaN	200.00	NaN	3284.89
62	NaN	200.00	NaN	3084.89
63	NaN	NaN	1250.0	4334.89
64	NaN	11.00	NaN	4323.89
65	NaN	300.00	NaN	4023.89
66	NaN	3000.00	NaN	1023.89

67	NaN	NaN	1.5	1025.39
68	NaN	NaN	200.0	1225.39
69	NaN	NaN	820.0	2045.39
70	NaN	820.00	NaN	1225.39
71	NaN	200.00	NaN	1025.39
72	NaN	NaN	1.5	1026.89
73	NaN	25.00	NaN	1001.89
74	NaN	NaN	5000.0	6001.89
75	NaN	5000.00	NaN	1001.89
76	NaN	NaN	2000.0	3001.89
77	NaN	2000.00	NaN	1001.89
78	NaN	NaN	7.0	1008.89
79	NaN	NaN	200.0	1208.89
80	NaN	152.00	NaN	1056.89
81	NaN	NaN	1500.0	2556.89
82	NaN	1000.00	NaN	1556.89
83	NaN	149.00	NaN	1407.89
84	NaN	NaN	100.0	1507.89
85	NaN	100.00	NaN	1407.89
86	NaN	50.00	NaN	1357.89
87	NaN	0.50	NaN	1357.39
88	NaN	50.00	NaN	1307.39
89	NaN	300.00	NaN	1007.39
90	NaN	NaN	50.0	1057.39
91	NaN	NaN	100.0	1157.39
92	NaN	100.00	NaN	1057.39
93	NaN	NaN	50.0	1107.39
94	NaN	NaN	100.0	1207.39
95	NaN	149.00	NaN	1058.39
96	NaN	NaN	1500.0	2558.39
97	NaN	1160.00	NaN	1398.39
98	NaN	300.00	NaN	1098.39
99	NaN	NaN	7.0	1105.39
100	NaN	NaN	1.0	1106.39
101	NaN	1.00	NaN	1105.39
102	NaN	NaN	1500.0	2605.39
103	NaN	1500.00	NaN	1105.39
104	NaN	NaN	400.0	1505.39
105	NaN	100.00	NaN	1405.39
106	NaN	123.00	NaN	1282.39
107	NaN	120.00	NaN	1162.39
108	NaN	120.00	NaN	1042.39
109	NaN	NaN	380.0	1422.39
110	NaN	100.00	NaN	1322.39
111	NaN	124.00	NaN	1198.39
112	NaN	72.00	NaN	1126.39
113	NaN	100.00	NaN	1026.39
114	NaN	NaN	3400.0	4426.39
115	NaN	3000.00	NaN	1426.39
116	NaN	NaN	2000.0	3426.39
117	NaN	1.00	NaN	3425.39

118	NaN	500.00	NaN	2925.39
119	NaN	NaN	2000.0	4925.39
120	NaN	1775.00	NaN	3150.39
121	NaN	2000.00	NaN	1150.39
122	NaN	NaN	2400.0	3550.39
123	NaN	560.00	NaN	2990.39
124	NaN	NaN	20.0	3010.39
125	NaN	2000.00	NaN	1010.39
126	NaN	NaN	1500.0	2510.39
127	NaN	1000.00	NaN	1510.39
128	NaN	NaN	2500.0	4010.39
129	NaN	2518.00	NaN	1492.39
130	NaN	NaN	5000.0	6492.39
131	NaN	NaN	14.0	6506.39
132	NaN	50.00	NaN	6456.39
133	NaN	200.00	NaN	6256.39
134	NaN	2000.00	NaN	4256.39
135	NaN	NaN	2000.0	6256.39
136	NaN	1000.00	NaN	5256.39
137	NaN	1500.00	NaN	3756.39
138	NaN	NaN	5.0	3761.39
139	NaN	10.00	NaN	3751.39
140	NaN	49.00	NaN	3702.39
141	NaN	10.00	NaN	3692.39
142	NaN	50.00	NaN	3642.39
143	NaN	923.00	NaN	2719.39
144	NaN	120.00	NaN	2599.39
145	NaN	300.00	NaN	2299.39
146	NaN	100.00	NaN	2199.39
147	NaN	60.00	NaN	2139.39
148	NaN	NaN	500.0	2639.39
149	NaN	130.00	NaN	2509.39
150	NaN	NaN	4500.0	7009.39
151	NaN	5000.00	NaN	2009.39
152	NaN	99.00	NaN	1910.39
153	NaN	500.00	NaN	1410.39
154	NaN	161.80	NaN	1248.59
155	NaN	136.00	NaN	1112.59
156	NaN	30.00	NaN	1082.59
157	NaN	NaN	240.0	1322.59
158	NaN	320.00	NaN	1002.59
159	NaN	NaN	6200.0	7202.59
160	NaN	1500.00	NaN	5702.59
161	NaN	251.80	NaN	5450.79
162	NaN	240.00	NaN	5210.79
163	NaN	2000.00	NaN	3210.79
164	NaN	500.00	NaN	2710.79
165	NaN	1000.00	NaN	1710.79
166	NaN	NaN	10000.0	11710.79
167	NaN	10000.00	NaN	1710.79
168	NaN	20.00	NaN	1690.79

169	NaN	NaN	2500.0	4190.79
170	NaN	500.00	NaN	3690.79
171	NaN	1600.00	NaN	2090.79
172	NaN	NaN	1710.0	3800.79
173	NaN	340.00	NaN	3460.79
174	NaN	100.00	NaN	3360.79
175	NaN	150.00	NaN	3210.79
176	NaN	186.00	NaN	3024.79
177	NaN	NaN	300.0	3324.79
178	NaN	NaN	500.0	3824.79
179	NaN	620.00	NaN	3204.79
180	NaN	528.00	NaN	2676.79
181	NaN	74.00	NaN	2602.79
182	NaN	500.00	NaN	2102.79
183	NaN	NaN	15000.0	17102.79
184	NaN	10000.00	NaN	7102.79
185	NaN	5000.00	NaN	2102.79
186	NaN	19.00	NaN	2083.79
187	NaN	88.00	NaN	1995.79
188	NaN	NaN	1500.0	3495.79
189	NaN	100.00	NaN	3395.79
190	NaN	1800.00	NaN	1595.79
191	NaN	90.00	NaN	1505.79
192	NaN	NaN	300.0	1805.79
193	NaN	200.00	NaN	1605.79
194	NaN	146.00	NaN	1459.79
195	NaN	NaN	32000.0	33459.79
196	NaN	32000.00	NaN	1459.79
197	NaN	NaN	27000.0	28459.79
198	NaN	NaN	3000.0	31459.79
199	NaN	30000.00	NaN	1459.79
200	NaN	120.00	NaN	1339.79
201	NaN	100.00	NaN	1239.79
202	NaN	NaN	6.0	1245.79
203	NaN	NaN	2500.0	3745.79
204	NaN	2500.00	NaN	1245.79
205	NaN	NaN	50000.0	51245.79
206	NaN	150.00	NaN	51095.79
207	NaN	500.00	NaN	50595.79
208	NaN	100.00	NaN	50495.79
209	NaN	NaN	4000.0	54495.79
210	NaN	3000.00	NaN	51495.79
211	NaN	500.00	NaN	50995.79
212	NaN	NaN	500.0	51495.79
213	NaN	60.00	NaN	51435.79
214	NaN	NaN	48.0	51483.79
215	NaN	NaN	12.0	51495.79
216	NaN	1000.00	NaN	50495.79
217	NaN	10000.00	NaN	40495.79
218	NaN	10000.00	NaN	30495.79
219	NaN	5000.00	NaN	25495.79

```

220          NaN      6000.00      NaN  19495.79
221          NaN       65.00      NaN  19430.79
222          NaN      250.00      NaN  19180.79
223          NaN      250.00      NaN  18930.79
224          NaN      200.00      NaN  18730.79
225          NaN        NaN    1160.0  19890.79
226          NaN        NaN    1200.0  21090.79
227          NaN       58.00      NaN  21032.79
228          NaN       50.00      NaN  20982.79
229          NaN    193618.99  213260.0      NaN

```

```
data.isnull().sum()
```

```

Unnamed: 0      0
Date           1
Value Date     1
Particulars    0
Tran\rType     1
Cheque\rDetails 230
Withdrawals    76
Deposits      153
Balance        1
dtype: int64

```

```
data['Tran\rType'].value_counts().rename_axis("TranType").reset_index(name="counts")
```

```

   TranType  counts
0         D     153
1         C      76

```

```
df= pd.DataFrame(data, columns= ['Date','Withdrawals'])
```

```
#data
```

```
#df=data.iloc[:-1,:]
```

```
#df
```

```
#the below graph give frequency count of per withdrawal amount
```

```
import seaborn as sns
```

```
df4stock = df.copy()
```

```
#Visualization
```

```
fig, ax = plt.subplots(figsize=(20, 10))
```

```
sns.lineplot(x=df4stock.index, y="Withdrawals", data=df4stock, estimator=None);
```

```
fig.gca().ticklabel_format(style='plain', axis='y')
```

```
[IMAGE: ]
```

```
db = pd.DataFrame(data, columns= ['Date','Deposits'])
```

```
db
```

```

      Date  Deposits
0  2021-01-04      NaN
1  2021-01-06      NaN
2  2021-01-07      NaN
3  2021-01-07      NaN
4  2021-01-07      NaN

```

5	2021-01-14	NaN
6	2021-01-15	NaN
7	2021-01-16	300.0
8	2021-01-16	100.0
9	2021-01-16	100.0
10	2021-01-16	NaN
11	2021-01-18	40.0
12	2021-01-18	NaN
13	2021-01-22	NaN
14	2021-01-22	800.0
15	2021-01-23	NaN
16	2021-01-30	370.0
17	2021-02-08	NaN
18	2021-02-08	9.0
19	2021-02-15	NaN
20	2021-02-25	750.0
21	2021-02-27	NaN
22	2021-02-27	NaN
23	2021-02-27	100.0
24	2021-02-27	NaN
25	2021-03-01	2000.0
26	2021-03-01	NaN
27	2021-03-03	NaN
28	2021-03-05	NaN
29	2021-03-06	NaN
30	2021-03-06	NaN
31	2021-03-07	NaN
32	2021-03-08	NaN
33	2021-03-09	500.0
34	2021-03-10	2000.0
35	2021-03-10	NaN
36	2021-03-10	NaN
37	2021-03-12	500.0
38	2021-03-13	NaN
39	2021-03-15	100.0
40	2021-03-15	100.0
41	2021-03-15	NaN
42	2021-03-18	1500.0
43	2021-03-18	NaN
44	2021-03-19	NaN
45	2021-03-19	NaN
46	2021-03-20	NaN
47	2021-03-20	NaN
48	2021-03-21	NaN
49	2021-03-21	NaN
50	2021-03-22	NaN
51	2021-03-22	800.0
52	2021-03-22	NaN
53	2021-03-23	NaN
54	2021-03-23	NaN
55	2021-03-24	NaN

56	2021-03-24	NaN
57	2021-03-28	8.0
58	2021-04-05	1250.0
59	2021-04-05	1250.0
60	2021-04-06	NaN
61	2021-04-06	NaN
62	2021-04-07	NaN
63	2021-04-08	1250.0
64	2021-04-08	NaN
65	2021-04-09	NaN
66	2021-04-09	NaN
67	2021-04-10	1.5
68	2021-04-18	200.0
69	2021-04-20	820.0
70	2021-04-20	NaN
71	2021-04-22	NaN
72	2021-04-26	1.5
73	2021-06-07	NaN
74	2021-06-10	5000.0
75	2021-06-10	NaN
76	2021-06-28	2000.0
77	2021-06-28	NaN
78	2021-06-29	7.0
79	2021-07-06	200.0
80	2021-07-07	NaN
81	2021-07-08	1500.0
82	2021-07-09	NaN
83	2021-07-10	NaN
84	2021-07-10	100.0
85	2021-07-10	NaN
86	2021-07-10	NaN
87	2021-07-17	NaN
88	2021-07-18	NaN
89	2021-07-18	NaN
90	2021-07-19	50.0
91	2021-07-23	100.0
92	2021-07-23	NaN
93	2021-07-30	50.0
94	2021-08-05	100.0
95	2021-08-08	NaN
96	2021-09-03	1500.0
97	2021-09-03	NaN
98	2021-09-05	NaN
99	2021-09-29	7.0
100	2021-10-06	1.0
101	2021-10-28	NaN
102	2021-10-28	1500.0
103	2021-10-28	NaN
104	2021-10-29	400.0
105	2021-10-29	NaN
106	2021-10-29	NaN

107	2021-10-29	NaN
108	2021-10-29	NaN
109	2021-10-30	380.0
110	2021-11-02	NaN
111	2021-11-02	NaN
112	2021-11-04	NaN
113	2021-11-05	NaN
114	2021-11-06	3400.0
115	2021-11-06	NaN
116	2021-11-07	2000.0
117	2021-11-07	NaN
118	2021-11-07	NaN
119	2021-11-07	2000.0
120	2021-11-07	NaN
121	2021-11-07	NaN
122	2021-11-08	2400.0
123	2021-11-08	NaN
124	2021-11-08	20.0
125	2021-11-08	NaN
126	2021-11-10	1500.0
127	2021-11-10	NaN
128	2021-11-10	2500.0
129	2021-11-10	NaN
130	2021-11-11	5000.0
131	2021-11-12	14.0
132	2021-11-13	NaN
133	2021-11-13	NaN
134	2021-11-14	NaN
135	2021-11-15	2000.0
136	2021-11-15	NaN
137	2021-11-15	NaN
138	2021-11-16	5.0
139	2021-11-18	NaN
140	2021-11-18	NaN
141	2021-11-18	NaN
142	2021-11-18	NaN
143	2021-11-20	NaN
144	2021-11-21	NaN
145	2021-11-21	NaN
146	2021-11-23	NaN
147	2021-11-23	NaN
148	2021-11-26	500.0
149	2021-11-26	NaN
150	2021-11-26	4500.0
151	2021-11-26	NaN
152	2021-11-26	NaN
153	2021-11-27	NaN
154	2021-11-28	NaN
155	2021-11-28	NaN
156	2021-11-29	NaN
157	2021-11-30	240.0

158	2021-11-30	NaN
159	2021-12-01	6200.0
160	2021-12-01	NaN
161	2021-12-01	NaN
162	2021-12-01	NaN
163	2021-12-01	NaN
164	2021-12-01	NaN
165	2021-12-01	NaN
166	2021-12-02	10000.0
167	2021-12-02	NaN
168	2021-12-02	NaN
169	2021-12-03	2500.0
170	2021-12-03	NaN
171	2021-12-03	NaN
172	2021-12-03	1710.0
173	2021-12-04	NaN
174	2021-12-04	NaN
175	2021-12-04	NaN
176	2021-12-04	NaN
177	2021-12-04	300.0
178	2021-12-04	500.0
179	2021-12-04	NaN
180	2021-12-04	NaN
181	2021-12-04	NaN
182	2021-12-04	NaN
183	2021-12-05	15000.0
184	2021-12-05	NaN
185	2021-12-05	NaN
186	2021-12-06	NaN
187	2021-12-06	NaN
188	2021-12-06	1500.0
189	2021-12-06	NaN
190	2021-12-06	NaN
191	2021-12-06	NaN
192	2021-12-07	300.0
193	2021-12-07	NaN
194	2021-12-07	NaN
195	2021-12-09	32000.0
196	2021-12-09	NaN
197	2021-12-09	27000.0
198	2021-12-09	3000.0
199	2021-12-09	NaN
200	2021-12-09	NaN
201	2021-12-10	NaN
202	2021-12-11	6.0
203	2021-12-13	2500.0
204	2021-12-13	NaN
205	2021-12-14	50000.0
206	2021-12-17	NaN
207	2021-12-17	NaN
208	2021-12-18	NaN

```

209  2021-12-19      4000.0
210  2021-12-20         NaN
211  2021-12-20         NaN
212  2021-12-20       500.0
213  2021-12-20         NaN
214  2021-12-20       48.0
215  2021-12-20       12.0
216  2021-12-20         NaN
217  2021-12-20         NaN
218  2021-12-20         NaN
219  2021-12-20         NaN
220  2021-12-20         NaN
221  2021-12-21         NaN
222  2021-12-21         NaN
223  2021-12-21         NaN
224  2021-12-21         NaN
225  2021-12-21      1160.0
226  2021-12-21      1200.0
227  2021-12-21         NaN
228  2021-12-22         NaN
229           NaN  213260.0

```

```
#Frequency of Deposit amount
```

```
df=db.iloc[:1, :]
```

```
df.plot.bar(x='Date', y='Deposits', rot=0)
```

```
<AxesSubplot:xlabel='Date'>
```

```
[IMAGE: ]
```

```
from datetime import datetime
```

```
def mdy_to_ymd(Date):return datetime.strptime(Date, '%b %d, %Y').strftime('%Y-%m-%d')
```

```
db["Date"]= pd.to_datetime(db["Date"])
```

```
# info of data
```

```
db.info()
```

```
# display
```

```
db
```

```
<class 'pandas.core.frame.DataFrame'>
```

```
RangeIndex: 230 entries, 0 to 229
```

```
Data columns (total 2 columns):
```

#	Column	Non-Null Count	Dtype
0	Date	229 non-null	datetime64[ns]
1	Deposits	77 non-null	float64

```
dtypes: datetime64[ns](1), float64(1)
```

```
memory usage: 3.7 KB
```

	Date	Deposits
0	2021-01-04	NaN
1	2021-01-06	NaN
2	2021-01-07	NaN

3	2021-01-07	NaN
4	2021-01-07	NaN
5	2021-01-14	NaN
6	2021-01-15	NaN
7	2021-01-16	300.0
8	2021-01-16	100.0
9	2021-01-16	100.0
10	2021-01-16	NaN
11	2021-01-18	40.0
12	2021-01-18	NaN
13	2021-01-22	NaN
14	2021-01-22	800.0
15	2021-01-23	NaN
16	2021-01-30	370.0
17	2021-02-08	NaN
18	2021-02-08	9.0
19	2021-02-15	NaN
20	2021-02-25	750.0
21	2021-02-27	NaN
22	2021-02-27	NaN
23	2021-02-27	100.0
24	2021-02-27	NaN
25	2021-03-01	2000.0
26	2021-03-01	NaN
27	2021-03-03	NaN
28	2021-03-05	NaN
29	2021-03-06	NaN
30	2021-03-06	NaN
31	2021-03-07	NaN
32	2021-03-08	NaN
33	2021-03-09	500.0
34	2021-03-10	2000.0
35	2021-03-10	NaN
36	2021-03-10	NaN
37	2021-03-12	500.0
38	2021-03-13	NaN
39	2021-03-15	100.0
40	2021-03-15	100.0
41	2021-03-15	NaN
42	2021-03-18	1500.0
43	2021-03-18	NaN
44	2021-03-19	NaN
45	2021-03-19	NaN
46	2021-03-20	NaN
47	2021-03-20	NaN
48	2021-03-21	NaN
49	2021-03-21	NaN
50	2021-03-22	NaN
51	2021-03-22	800.0
52	2021-03-22	NaN
53	2021-03-23	NaN

54	2021-03-23	NaN
55	2021-03-24	NaN
56	2021-03-24	NaN
57	2021-03-28	8.0
58	2021-04-05	1250.0
59	2021-04-05	1250.0
60	2021-04-06	NaN
61	2021-04-06	NaN
62	2021-04-07	NaN
63	2021-04-08	1250.0
64	2021-04-08	NaN
65	2021-04-09	NaN
66	2021-04-09	NaN
67	2021-04-10	1.5
68	2021-04-18	200.0
69	2021-04-20	820.0
70	2021-04-20	NaN
71	2021-04-22	NaN
72	2021-04-26	1.5
73	2021-06-07	NaN
74	2021-06-10	5000.0
75	2021-06-10	NaN
76	2021-06-28	2000.0
77	2021-06-28	NaN
78	2021-06-29	7.0
79	2021-07-06	200.0
80	2021-07-07	NaN
81	2021-07-08	1500.0
82	2021-07-09	NaN
83	2021-07-10	NaN
84	2021-07-10	100.0
85	2021-07-10	NaN
86	2021-07-10	NaN
87	2021-07-17	NaN
88	2021-07-18	NaN
89	2021-07-18	NaN
90	2021-07-19	50.0
91	2021-07-23	100.0
92	2021-07-23	NaN
93	2021-07-30	50.0
94	2021-08-05	100.0
95	2021-08-08	NaN
96	2021-09-03	1500.0
97	2021-09-03	NaN
98	2021-09-05	NaN
99	2021-09-29	7.0
100	2021-10-06	1.0
101	2021-10-28	NaN
102	2021-10-28	1500.0
103	2021-10-28	NaN
104	2021-10-29	400.0

105	2021-10-29	NaN
106	2021-10-29	NaN
107	2021-10-29	NaN
108	2021-10-29	NaN
109	2021-10-30	380.0
110	2021-11-02	NaN
111	2021-11-02	NaN
112	2021-11-04	NaN
113	2021-11-05	NaN
114	2021-11-06	3400.0
115	2021-11-06	NaN
116	2021-11-07	2000.0
117	2021-11-07	NaN
118	2021-11-07	NaN
119	2021-11-07	2000.0
120	2021-11-07	NaN
121	2021-11-07	NaN
122	2021-11-08	2400.0
123	2021-11-08	NaN
124	2021-11-08	20.0
125	2021-11-08	NaN
126	2021-11-10	1500.0
127	2021-11-10	NaN
128	2021-11-10	2500.0
129	2021-11-10	NaN
130	2021-11-11	5000.0
131	2021-11-12	14.0
132	2021-11-13	NaN
133	2021-11-13	NaN
134	2021-11-14	NaN
135	2021-11-15	2000.0
136	2021-11-15	NaN
137	2021-11-15	NaN
138	2021-11-16	5.0
139	2021-11-18	NaN
140	2021-11-18	NaN
141	2021-11-18	NaN
142	2021-11-18	NaN
143	2021-11-20	NaN
144	2021-11-21	NaN
145	2021-11-21	NaN
146	2021-11-23	NaN
147	2021-11-23	NaN
148	2021-11-26	500.0
149	2021-11-26	NaN
150	2021-11-26	4500.0
151	2021-11-26	NaN
152	2021-11-26	NaN
153	2021-11-27	NaN
154	2021-11-28	NaN
155	2021-11-28	NaN

156	2021-11-29	NaN
157	2021-11-30	240.0
158	2021-11-30	NaN
159	2021-12-01	6200.0
160	2021-12-01	NaN
161	2021-12-01	NaN
162	2021-12-01	NaN
163	2021-12-01	NaN
164	2021-12-01	NaN
165	2021-12-01	NaN
166	2021-12-02	10000.0
167	2021-12-02	NaN
168	2021-12-02	NaN
169	2021-12-03	2500.0
170	2021-12-03	NaN
171	2021-12-03	NaN
172	2021-12-03	1710.0
173	2021-12-04	NaN
174	2021-12-04	NaN
175	2021-12-04	NaN
176	2021-12-04	NaN
177	2021-12-04	300.0
178	2021-12-04	500.0
179	2021-12-04	NaN
180	2021-12-04	NaN
181	2021-12-04	NaN
182	2021-12-04	NaN
183	2021-12-05	15000.0
184	2021-12-05	NaN
185	2021-12-05	NaN
186	2021-12-06	NaN
187	2021-12-06	NaN
188	2021-12-06	1500.0
189	2021-12-06	NaN
190	2021-12-06	NaN
191	2021-12-06	NaN
192	2021-12-07	300.0
193	2021-12-07	NaN
194	2021-12-07	NaN
195	2021-12-09	32000.0
196	2021-12-09	NaN
197	2021-12-09	27000.0
198	2021-12-09	3000.0
199	2021-12-09	NaN
200	2021-12-09	NaN
201	2021-12-10	NaN
202	2021-12-11	6.0
203	2021-12-13	2500.0
204	2021-12-13	NaN
205	2021-12-14	50000.0
206	2021-12-17	NaN

```

207 2021-12-17      NaN
208 2021-12-18      NaN
209 2021-12-19    4000.0
210 2021-12-20      NaN
211 2021-12-20      NaN
212 2021-12-20    500.0
213 2021-12-20      NaN
214 2021-12-20    48.0
215 2021-12-20    12.0
216 2021-12-20      NaN
217 2021-12-20      NaN
218 2021-12-20      NaN
219 2021-12-20      NaN
220 2021-12-20      NaN
221 2021-12-21      NaN
222 2021-12-21      NaN
223 2021-12-21      NaN
224 2021-12-21      NaN
225 2021-12-21    1160.0
226 2021-12-21    1200.0
227 2021-12-21      NaN
228 2021-12-22      NaN
229      NaT    213260.0

```

```

#df = df.astype({"Deposits": float})
# df.index = df['Date']
# plt.figure(figsize=(5,7))
# plt.plot(df["Deposits"],label= 'Deposits',color='green',linestyle='--',linewidth=4)

#data = pd.DataFrame(df, columns= ['Date','Withdrawals'])

#df=data.iloc[:,-1,:]
#df
#df_order = pd.read_csv('C:/Users/Administrator/Desktop/Kanini Training/Untitled Fol
#pd.to_datetime
#g = df_order.groupby(pd.Grouper(freq="M"))
per = df1[0].Date.dt.to_period("M")

#Month wise Data
g = df1[0].groupby(per)
g.sum()

```

	Cheque\rDetails	Withdrawals	Deposits	Balance
Date				
2021-01	0.0	1670.20	1710.0	20452.36
2021-02	0.0	1239.00	859.0	9381.64
2021-03	0.0	7500.69	7508.0	50925.06
2021-04	0.0	4755.00	4773.0	36902.85
2021-06	0.0	7025.00	7007.0	13018.34
2021-07	0.0	1901.50	2000.0	20112.85
2021-08	0.0	149.00	100.0	2265.78
2021-09	0.0	1460.00	1507.0	6160.56

2021-10	0.0	1964.00	2281.0	13742.90
2021-11	0.0	26498.80	26079.0	148616.11
2021-12	0.0	139455.80	159436.0	1133327.90

#Day wise Withdrawals

```
g.plot.bar(x="Date", y="Withdrawals", color='blue');
```

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

#Daily Balance count

```
g.plot.bar(x="Date", y="Balance", color='red');
```

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

[IMAGE:]

Histogram:

The graph give the idea about deposit frequency

```
plt.hist(df['Deposits'])
```

```
(array([70., 2., 1., 0., 0., 1., 1., 0., 0., 1.]),
 array([1.00000e+00, 5.00090e+03, 1.00008e+04, 1.50007e+04, 2.00006e+04,
        2.50005e+04, 3.00004e+04, 3.50003e+04, 4.00002e+04, 4.50001e+04,
        5.00000e+04]),
 <BarContainer object of 10 artists>)
```


[IMAGE:]

Divided the Deposit Data randomly to get the clear view of deposit frequency

```
from sklearn.model_selection import train_test_split
import matplotlib.pyplot as plt
x_1, x_2 = train_test_split(df,

                             train_size=0.5
                             #random_state=42,
                             )

print(f"First Half:\n{x_1}")
print(f"Second half:\n{x_2}")

#X_train
#plt.hist(df['Deposits'])
```

First Half:

	Date	Deposits
Date		
2021-11-07	2021-11-07	NaN
2021-01-18	2021-01-18	NaN
2021-02-27	2021-02-27	100.0
2021-12-20	2021-12-20	NaN
2021-12-21	2021-12-21	NaN
2021-04-05	2021-04-05	1250.0
2021-12-20	2021-12-20	NaN
2021-12-04	2021-12-04	NaN
2021-09-29	2021-09-29	7.0
2021-12-20	2021-12-20	NaN
2021-04-22	2021-04-22	NaN
2021-07-18	2021-07-18	NaN
2021-12-04	2021-12-04	500.0
2021-12-09	2021-12-09	NaN
2021-12-04	2021-12-04	NaN
2021-12-20	2021-12-20	NaN
2021-12-01	2021-12-01	NaN
2021-01-18	2021-01-18	40.0
2021-11-07	2021-11-07	2000.0
2021-12-17	2021-12-17	NaN
2021-11-07	2021-11-07	2000.0
2021-11-13	2021-11-13	NaN
2021-03-09	2021-03-09	500.0
2021-03-22	2021-03-22	NaN
2021-04-06	2021-04-06	NaN
2021-11-30	2021-11-30	NaN
2021-12-04	2021-12-04	NaN
2021-06-28	2021-06-28	NaN
2021-03-07	2021-03-07	NaN
2021-03-22	2021-03-22	NaN
2021-04-26	2021-04-26	1.5
2021-06-07	2021-06-07	NaN

2021-04-07	2021-04-07	NaN
2021-11-02	2021-11-02	NaN
2021-11-06	2021-11-06	3400.0
2021-12-01	2021-12-01	6200.0
2021-12-06	2021-12-06	NaN
2021-03-15	2021-03-15	100.0
2021-04-18	2021-04-18	200.0
2021-10-28	2021-10-28	NaN
2021-07-06	2021-07-06	200.0
2021-11-28	2021-11-28	NaN
2021-12-11	2021-12-11	6.0
2021-07-10	2021-07-10	100.0
2021-07-23	2021-07-23	NaN
2021-04-09	2021-04-09	NaN
2021-03-01	2021-03-01	2000.0
2021-03-03	2021-03-03	NaN
2021-04-06	2021-04-06	NaN
2021-02-15	2021-02-15	NaN
2021-11-20	2021-11-20	NaN
2021-12-21	2021-12-21	NaN
2021-04-10	2021-04-10	1.5
2021-03-15	2021-03-15	NaN
2021-10-29	2021-10-29	400.0
2021-11-26	2021-11-26	NaN
2021-12-18	2021-12-18	NaN
2021-03-19	2021-03-19	NaN
2021-12-02	2021-12-02	10000.0
2021-11-10	2021-11-10	NaN
2021-12-05	2021-12-05	15000.0
2021-11-10	2021-11-10	NaN
2021-02-08	2021-02-08	NaN
2021-12-07	2021-12-07	NaN
2021-03-24	2021-03-24	NaN
2021-12-01	2021-12-01	NaN
2021-11-18	2021-11-18	NaN
2021-11-13	2021-11-13	NaN
2021-12-21	2021-12-21	NaN
2021-12-21	2021-12-21	NaN
2021-10-06	2021-10-06	1.0
2021-01-07	2021-01-07	NaN
2021-07-23	2021-07-23	100.0
2021-01-16	2021-01-16	100.0
2021-12-20	2021-12-20	500.0
2021-12-04	2021-12-04	NaN
2021-02-27	2021-02-27	NaN
2021-03-12	2021-03-12	500.0
2021-03-18	2021-03-18	1500.0
2021-07-17	2021-07-17	NaN
2021-11-08	2021-11-08	NaN
2021-11-10	2021-11-10	1500.0
2021-11-16	2021-11-16	5.0

2021-12-06	2021-12-06	NaN
2021-11-18	2021-11-18	NaN
2021-12-21	2021-12-21	1200.0
2021-12-03	2021-12-03	2500.0
2021-04-20	2021-04-20	820.0
2021-10-29	2021-10-29	NaN
2021-12-09	2021-12-09	NaN
2021-11-04	2021-11-04	NaN
2021-11-26	2021-11-26	NaN
2021-02-27	2021-02-27	NaN
2021-11-18	2021-11-18	NaN
2021-12-06	2021-12-06	NaN
2021-12-03	2021-12-03	NaN
2021-01-16	2021-01-16	300.0
2021-11-06	2021-11-06	NaN
2021-01-22	2021-01-22	800.0
2021-12-06	2021-12-06	NaN
2021-03-06	2021-03-06	NaN
2021-12-22	2021-12-22	NaN
2021-03-20	2021-03-20	NaN
2021-09-03	2021-09-03	NaN
2021-07-10	2021-07-10	NaN
2021-12-09	2021-12-09	32000.0
2021-03-18	2021-03-18	NaN
2021-04-05	2021-04-05	1250.0
2021-03-23	2021-03-23	NaN
2021-12-04	2021-12-04	NaN
2021-11-29	2021-11-29	NaN
2021-10-29	2021-10-29	NaN
2021-11-15	2021-11-15	NaN
2021-03-24	2021-03-24	NaN

Second half:

	Date	Deposits
Date		
2021-07-18	2021-07-18	NaN
2021-01-07	2021-01-07	NaN
2021-12-13	2021-12-13	NaN
2021-11-15	2021-11-15	2000.0
2021-01-06	2021-01-06	NaN
2021-03-21	2021-03-21	NaN
2021-12-01	2021-12-01	NaN
2021-09-03	2021-09-03	1500.0
2021-03-10	2021-03-10	NaN
2021-01-23	2021-01-23	NaN
2021-12-02	2021-12-02	NaN
2021-11-07	2021-11-07	NaN
2021-12-01	2021-12-01	NaN
2021-03-28	2021-03-28	8.0
2021-12-21	2021-12-21	1160.0
2021-11-15	2021-11-15	NaN
2021-11-08	2021-11-08	NaN

2021-12-07	2021-12-07	300.0
2021-11-28	2021-11-28	NaN
2021-10-29	2021-10-29	NaN
2021-01-14	2021-01-14	NaN
2021-12-06	2021-12-06	NaN
2021-11-14	2021-11-14	NaN
2021-03-22	2021-03-22	800.0
2021-12-05	2021-12-05	NaN
2021-12-13	2021-12-13	2500.0
2021-11-18	2021-11-18	NaN
2021-12-02	2021-12-02	NaN
2021-11-08	2021-11-08	2400.0
2021-03-23	2021-03-23	NaN
2021-12-19	2021-12-19	4000.0
2021-06-29	2021-06-29	7.0
2021-12-21	2021-12-21	NaN
2021-12-20	2021-12-20	12.0
2021-12-09	2021-12-09	27000.0
2021-12-06	2021-12-06	1500.0
2021-02-25	2021-02-25	750.0
2021-11-26	2021-11-26	NaN
2021-03-21	2021-03-21	NaN
2021-07-08	2021-07-08	1500.0
2021-09-05	2021-09-05	NaN
2021-11-26	2021-11-26	4500.0
2021-12-14	2021-12-14	50000.0
2021-01-15	2021-01-15	NaN
2021-07-10	2021-07-10	NaN
2021-11-10	2021-11-10	2500.0
2021-07-07	2021-07-07	NaN
2021-11-12	2021-11-12	14.0
2021-12-01	2021-12-01	NaN
2021-04-08	2021-04-08	1250.0
2021-01-22	2021-01-22	NaN
2021-12-20	2021-12-20	48.0
2021-06-10	2021-06-10	NaN
2021-03-08	2021-03-08	NaN
2021-10-30	2021-10-30	380.0
2021-11-07	2021-11-07	NaN
2021-07-10	2021-07-10	NaN
2021-06-28	2021-06-28	2000.0
2021-11-26	2021-11-26	500.0
2021-07-09	2021-07-09	NaN
2021-12-20	2021-12-20	NaN
2021-11-07	2021-11-07	NaN
2021-04-09	2021-04-09	NaN
2021-11-05	2021-11-05	NaN
2021-01-16	2021-01-16	100.0
2021-08-08	2021-08-08	NaN
2021-12-09	2021-12-09	3000.0
2021-11-21	2021-11-21	NaN

2021-03-01	2021-03-01	NaN
2021-07-30	2021-07-30	50.0
2021-03-20	2021-03-20	NaN
2021-01-30	2021-01-30	370.0
2021-12-10	2021-12-10	NaN
2021-12-01	2021-12-01	NaN
2021-04-08	2021-04-08	NaN
2021-01-07	2021-01-07	NaN
2021-11-08	2021-11-08	20.0
2021-12-05	2021-12-05	NaN
2021-01-04	2021-01-04	NaN
2021-07-19	2021-07-19	50.0
2021-10-29	2021-10-29	NaN
2021-11-02	2021-11-02	NaN
2021-03-10	2021-03-10	NaN
2021-12-04	2021-12-04	300.0
2021-03-05	2021-03-05	NaN
2021-12-07	2021-12-07	NaN
2021-03-13	2021-03-13	NaN
2021-12-09	2021-12-09	NaN
2021-12-03	2021-12-03	1710.0
2021-12-20	2021-12-20	NaN
2021-04-20	2021-04-20	NaN
2021-12-04	2021-12-04	NaN
2021-06-10	2021-06-10	5000.0
2021-03-10	2021-03-10	2000.0
2021-11-27	2021-11-27	NaN
2021-10-28	2021-10-28	1500.0
2021-11-11	2021-11-11	5000.0
2021-03-19	2021-03-19	NaN
2021-11-23	2021-11-23	NaN
2021-12-17	2021-12-17	NaN
2021-11-23	2021-11-23	NaN
2021-12-20	2021-12-20	NaN
2021-12-20	2021-12-20	NaN
2021-10-28	2021-10-28	NaN
2021-11-30	2021-11-30	240.0
2021-11-21	2021-11-21	NaN
2021-02-27	2021-02-27	NaN
2021-12-03	2021-12-03	NaN
2021-08-05	2021-08-05	100.0
2021-03-15	2021-03-15	100.0
2021-02-08	2021-02-08	9.0
2021-12-04	2021-12-04	NaN
2021-12-04	2021-12-04	NaN
2021-01-16	2021-01-16	NaN
2021-03-06	2021-03-06	NaN

First Half

```
plt.hist(x_1['Deposits'])
plt.xlabel('Deposits')
```

```
plt.ylabel('Frequency of Transactions')
Text(0, 0.5, 'Frequency of Transactions')
```

[IMAGE:]

Second Half

```
plt.hist(x_2['Deposits'])
plt.xlabel('Deposits')
plt.ylabel('Frequency of Transactions')
Text(0, 0.5, 'Frequency of Transactions')
```

[IMAGE:]

```
import matplotlib.pyplot as plt
import numpy as np
df = pd.read_csv ( 'C:/Users/Administrator/Desktop/Kanini Training/Untitled Folder/b
```

```
from sklearn.model_selection import train_test_split
import matplotlib.pyplot as plt
x_1, x_2 = train_test_split(df,
                             train_size=0.5
                             #random_state=42,
                             )
```

```
print(f"First Half:\n{x_1}")
print(f"Second half:\n{x_2}")
```

First Half:

Unnamed: 0	Date	Value Date \
119	2021-11-07	07-NOV-2021\r05:38:43 PM
170	2021-12-03	03-DEC-2021\r09:50:34 AM
198	2021-12-09	09-DEC-2021\r03:42:56 PM
163	2021-12-01	01-DEC-2021\r12:41:22 PM
124	2021-11-08	08-NOV-2021\r09:22:26 PM
195	2021-12-09	09-DEC-2021\r11:46:31 AM
80	2021-07-07	07-JUL-2021\r04:42:35 AM
82	2021-07-09	09-JUL-2021\r07:48:18 AM
179	2021-12-04	04-DEC-2021\r04:27:22 PM
43	2021-03-18	18-MAR-2021\r02:29:05 PM
108	2021-10-29	29-OCT-2021\r03:13:31 PM
214	2021-12-20	20-DEC-2021\r05:03:02 PM
189	2021-12-06	06-DEC-2021\r05:08:56 PM
210	2021-12-20	20-DEC-2021\r01:23:38 PM
50	2021-03-22	22-MAR-2021\r03:18:44 AM
172	2021-12-03	03-DEC-2021\r08:44:21 PM
146	2021-11-23	23-NOV-2021\r08:21:26 AM
191	2021-12-06	06-DEC-2021\r09:48:10 PM
2	2021-01-07	07-JAN-2021\r10:06:48 AM
150	2021-11-26	26-NOV-2021\r02:43:29 PM

223	223	2021-12-21	21-DEC-2021\r10:53:41 AM
224	224	2021-12-21	21-DEC-2021\r12:24:01 PM
114	114	2021-11-06	06-NOV-2021\r10:01:17 AM
192	192	2021-12-07	07-DEC-2021\r11:09:19 AM
91	91	2021-07-23	23-JUL-2021\r05:39:23 PM
15	15	2021-01-23	23-JAN-2021\r05:03:35 AM
199	199	2021-12-09	09-DEC-2021\r04:12:59 PM
165	165	2021-12-01	01-DEC-2021\r08:18:56 PM
5	5	2021-01-14	14-JAN-2021\r03:12:10 PM
67	67	2021-04-10	10-APR-2021\r01:49:45 PM
38	38	2021-03-13	13-MAR-2021\r08:05:34 AM
27	27	2021-03-03	03-MAR-2021\r05:42:43 AM
208	208	2021-12-18	18-DEC-2021\r09:05:05 PM
32	32	2021-03-08	08-MAR-2021\r01:04:18 PM
7	7	2021-01-16	16-JAN-2021\r08:50:54 PM
202	202	2021-12-11	11-DEC-2021\r06:55:47 AM
70	70	2021-04-20	20-APR-2021\r09:52:07 PM
125	125	2021-11-08	08-NOV-2021\r10:05:08 PM
89	89	2021-07-18	18-JUL-2021\r08:16:24 PM
41	41	2021-03-15	15-MAR-2021\r09:26:47 PM
207	207	2021-12-17	17-DEC-2021\r05:03:55 PM
135	135	2021-11-15	15-NOV-2021\r12:45:06 PM
92	92	2021-07-23	23-JUL-2021\r05:47:25 PM
106	106	2021-10-29	29-OCT-2021\r02:22:41 PM
228	228	2021-12-22	22-DEC-2021\r08:40:08 AM
51	51	2021-03-22	22-MAR-2021\r08:36:22 AM
87	87	2021-07-17	17-JUL-2021\r11:03:43 AM
142	142	2021-11-18	18-NOV-2021\r06:43:52 PM
47	47	2021-03-20	20-MAR-2021\r09:58:52 PM
134	134	2021-11-14	14-NOV-2021\r01:40:11 PM
171	171	2021-12-03	03-DEC-2021\r08:06:05 PM
168	168	2021-12-02	02-DEC-2021\r04:27:43 PM
66	66	2021-04-09	09-APR-2021\r07:11:57 PM
97	97	2021-09-03	03-SEP-2021\r06:32:32 PM
40	40	2021-03-15	15-MAR-2021\r09:23:58 PM
99	99	2021-09-29	29-SEP-2021\r05:53:58 AM
100	100	2021-10-06	06-OCT-2021\r02:27:45 PM
19	19	2021-02-15	15-FEB-2021\r12:45:20 PM
212	212	2021-12-20	20-DEC-2021\r03:35:31 PM
227	227	2021-12-21	21-DEC-2021\r11:38:04 PM
29	29	2021-03-06	06-MAR-2021\r11:19:26 AM
173	173	2021-12-04	04-DEC-2021\r12:55:09 PM
48	48	2021-03-21	21-MAR-2021\r02:17:41 PM
126	126	2021-11-10	10-NOV-2021\r12:45:13 PM
204	204	2021-12-13	13-DEC-2021\r06:42:05 PM
215	215	2021-12-20	20-DEC-2021\r05:06:15 PM
128	128	2021-11-10	10-NOV-2021\r11:03:22 PM
62	62	2021-04-07	07-APR-2021\r05:50:32 PM
74	74	2021-06-10	10-JUN-2021\r12:01:29 PM
14	14	2021-01-22	22-JAN-2021\r09:38:17 PM
152	152	2021-11-26	26-NOV-2021\r05:51:42 PM

143	143	2021-11-20	20-NOV-2021\r07:45:13 PM
175	175	2021-12-04	04-DEC-2021\r01:34:49 PM
9	9	2021-01-16	16-JAN-2021\r09:56:09 PM
220	220	2021-12-20	20-DEC-2021\r10:55:53 PM
221	221	2021-12-21	21-DEC-2021\r08:38:53 AM
73	73	2021-06-07	07-JUN-2021\r03:53:48 AM
83	83	2021-07-10	10-JUL-2021\r07:45:16 AM
174	174	2021-12-04	04-DEC-2021\r01:14:54 PM
90	90	2021-07-19	19-JUL-2021\r09:39:48 AM
4	4	2021-01-07	07-JAN-2021\r11:07:46 AM
60	60	2021-04-06	06-APR-2021\r07:18:09 AM
139	139	2021-11-18	18-NOV-2021\r09:29:04 AM
21	21	2021-02-27	27-FEB-2021\r09:15:08 AM
216	216	2021-12-20	20-DEC-2021\r07:24:34 PM
159	159	2021-12-01	01-DEC-2021\r07:43:06 AM
45	45	2021-03-19	19-MAR-2021\r03:41:24 PM
217	217	2021-12-20	20-DEC-2021\r08:59:35 PM
118	118	2021-11-07	07-NOV-2021\r04:25:43 PM
46	46	2021-03-20	20-MAR-2021\r04:30:50 AM
11	11	2021-01-18	18-JAN-2021\r08:04:48 PM
177	177	2021-12-04	04-DEC-2021\r03:47:12 PM
164	164	2021-12-01	01-DEC-2021\r04:54:08 PM
120	120	2021-11-07	07-NOV-2021\r07:17:18 PM
3	3	2021-01-07	07-JAN-2021\r11:03:44 AM
160	160	2021-12-01	01-DEC-2021\r07:45:32 AM
133	133	2021-11-13	13-NOV-2021\r06:27:35 PM
123	123	2021-11-08	08-NOV-2021\r09:15:35 PM
145	145	2021-11-21	21-NOV-2021\r06:46:37 PM
197	197	2021-12-09	09-DEC-2021\r03:41:16 PM
10	10	2021-01-16	16-JAN-2021\r09:57:20 PM
104	104	2021-10-29	29-OCT-2021\r08:14:05 AM
86	86	2021-07-10	10-JUL-2021\r10:32:28 PM
52	52	2021-03-22	22-MAR-2021\r01:45:11 PM
183	183	2021-12-05	05-DEC-2021\r07:59:35 AM
184	184	2021-12-05	05-DEC-2021\r10:37:44 AM
127	127	2021-11-10	10-NOV-2021\r12:58:00 PM
225	225	2021-12-21	21-DEC-2021\r12:53:48 PM
75	75	2021-06-10	10-JUN-2021\r12:57:48 PM
35	35	2021-03-10	10-MAR-2021\r07:21:37 PM
137	137	2021-11-15	15-NOV-2021\r05:41:45 PM
25	25	2021-03-01	01-MAR-2021\r03:05:12 PM
36	36	2021-03-10	10-MAR-2021\r08:03:18 PM
148	148	2021-11-26	26-NOV-2021\r02:25:55 PM
155	155	2021-11-28	28-NOV-2021\r02:34:47 PM

	Particulars	Tran\rType	\
119	UPI IN/131109131129\r/jothishnirmal10@okhdfcba...		C
170	UPIOUT/133709887721\r/aalishprofs@okaxis/UPI/0000		D
198	BY CDM/0668/FBL-KOLLENCODE \		C
163	MB FTB/213350680259/VIJIN ALEX\r/null/		D
124	FT IMPS/IFI/131221501825/VIJIN\rALEXANDER/Hi		C

195	CASH: SELF	C
80	CHRG/ATM FEE/2021/XX9577	D
82	TO ATM/2929/+VELACHERY\rCHENNAI \+VELACHERY	D
179	POS/3921/HOTEL TKM PANDIAAS\r\HOTEL TKM P/16:27	D
43	TO ATM/3670/+CANDI BRANCH-\rVELACHER\+CANDI BRAN	D
108	UPIOUT/130267171907/gpay-\r11166182298@okbizax...	D
214	UPI IN/135417259416\r/shabingilbert20@oksbi/UP...	C
189	UPIOUT/134017617631\r/tsenterprise@fbl/UPI/5172	D
210	UPIOUT/135413525584\r/jjenistan781@okhdfcbank/...	D
50	CHRG/ATM TXN/18-03-2021 107714	D
172	FT IMPS/IFI/133720085004/VIJIN\rALEXANDER/Hi	C
146	UPIOUT/132708354696\r/tsenterprise@fbl/UPI/5172	D
191	UPIOUT/134021149360/9443791228-\r1@okbizaxis/p...	D
2	TO ECM/9664/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D
150	BY CDM/6671/FBL-KOLLENCODE \	C
223	UPIOUT/135510682381\r/jjenistan781@okhdfcbank/...	D
224	UPIOUT/135512212366\r/shabingilbert20@oksbi/UP...	D
114	FT IMPS/IFI/131010938646/VIJIN\rALEXANDER/Hi	C
192	FT IMPS/IFI/134111501453\r/SHANDRA/IMPS	C
91	MB FTB/212043693688/JOTHIS NIR//	C
15	TO ATM/6259/+CANDI BRANCH-\rVELACHER\+CANDI BRAN	D
199	MB FTB/213433341745/VIJIN ALEX//	D
165	UPIOUT/133520081109\r/9597731876@ybl/Fedmobile...	D
5	CHRG/MOB ALERTDEC20	D
67	Rupay Refund 0614 06/04/2021	C
38	TO ATM/8595/+VELACHERY\rCHENNAI \+VELACHERY	D
27	TO ATM/6765/BPCL -\rPALLIKARANAI \BPCL - PALL	D
208	TO ATM/8377/SBI KOLLEMKODE\r\SBI KOLLEMK	D
32	TO ATM/8047/++CANDI BRANCH-\rVELACHE\++CANDI BRA	D
7	UPI IN/101620365231\r/jothishnirmal10@okicici/...	C
202	UPI IN/134576488541/goog-\rpayment@okaxis/UPI/...	C
70	UPIOUT/111062731401\r/7598545948@ybl/Payment f...	D
125	UPIOUT/131227687706\r/murugeswaril48@okicici/U...	D
89	TO ATM/5531/280 12 JERALD\rCOMPLEX \280 12 JERA	D
41	TO ATM/6126/VELACHERY\rTAMBARAM \VELACHERY	D
207	UPIOUT/135117085865\r/vijittaaalexander2101@oki...	D
135	CASH: SELF	C
92	UPIOUT/120417551087\r/josmisro789@oksbi/UPI/0000	D
106	UPIOUT/130266376831/gpay-\r11166182298@okbizax...	D
228	UPIOUT/135608707740\r/q24472161@ybl/UPI/0000	D
51	MB FTB/210817602746/JOTHIS NIR//	C
87	CHRG/MOB ALERTJUN21	D
142	UPIOUT/132218971033\r/josmisro789@oksbi/UPI/0000	D
47	POS/9977/MOHAMMED RAFEEQ P\r\MOHAMMED RA/21:58	D
134	UPIOUT/131805348099\r/jothishnirmal10@okhdfcba...	D
171	UPIOUT/133720164638\r/rabiyashahji02-1@okicici...	D
168	UPIOUT/133616915694\r/9447389513@axl/UPI/0000	D
66	UPIOUT/109919816278\r/jothishnirmal10@okaxis/U...	D
97	POS/8718/SURESH KUMAR S\r\SURESH KUMA/18:32	D
40	MB FTB/210749955544/JOTHIS NIR//	C
99	SBINT:29-06-2021 to 28-09-2021\r[19060100046088]	C

100	UPI IN/127914763476\r/kakshaya101@oksbi/vachuk...	C
19	TO ECM/9099/HTTPS WWW AIRTEL\rIN BA\HTTPS WWW A	D
212	UPI IN/135415850410\r/shabingilbert20@oksbi/UP...	C
227	UPIOUT/135523612910/euronetgpay.\rpay@icici/UP...	D
29	POS/8848/BALA SUPER SHOP\r\BALA SUPER /11:19	D
173	UPIOUT/133812029681\r/paytmqr2810050501011bcfg...	D
48	TO ATM/8874/+CANDI BRANCH-\rVELACHER\+CANDI BRAN	D
126	UPI IN/131403748079\r/murugeswaril48@okicici/U...	C
204	UPIOUT/134718668407\r/murugeswaril48@okicici/U...	D
215	UPI IN/135417361301\r/shabingilbert20@oksbi/UP...	C
128	BY CDM/2804/FBL-KOLLENCODE \	C
62	TO ATM/9933/FBL-KOLLENCODE\r\KANNANAGAM	D
74	MB FTB/211611458488/JOTHIS NIR//	C
14	MB FTB/210228020132/JOHN\rFRANC/null/	C
152	UPIOUT/133017874784\r/q95906482@ybl/UPI/0000	D
143	POS/6240/SURESH KUMAR S\r\SURESH KUMA/19:45	D
175	UPIOUT/133813033830\r/Q925425877@ybl/Fedmobile...	D
9	UPI IN/101621424154\r/jothishnirmal10@okicici/...	C
220	UPIOUT/135422572102/bugati.\rjegan@okicici/UPI...	D
221	POS/4780/BLM BAZAAR \BLM\rBAZAAR /08:38	D
73	CHRG/ATM FEE/2021/XX9577	D
83	TO ECM/0666/UtilitiesCC \UtilitiesCC	D
174	UPIOUT/133813031693/gpay-\r11180048502@okbizax...	D
90	UPI IN/120066469998\r/07121998akin@ybl/Payment...	C
4	TO ECM/6231/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D
60	CHRG/ATM TXN/22-03-2021 108113	D
139	UPIOUT/132209244484/billdesk.\rprepaid-mobile@...	D
21	TO ATM/1279/+CANDI BRANCH-\rVELACHER\+CANDI BRAN	D
216	UPIOUT/135419323340\r/clowismartin85@okicici/U...	D
159	FT IMPS/IFI/133507393904/VIJIN\rALEXANDER/Hi	C
45	POS/8292/BALA SUPER SHOP\r\BALA SUPER /15:41	D
217	TO ATM/7828/FBL-KOLLENCODE\r\KANNANAGAM	D
118	UPIOUT/131108152222/megilsojin14-\r1@okhdfcbn...	D
46	CHRG/ATM TXN/17-03-2021 107617	D
11	UPI IN/101820150021\r/jothishnirmal10@okicici/...	C
177	UPI IN/133844174151\r/vijittaalexander2101@oki...	C
164	TO ATM/0602/FBL-KOLLENCODE\r\KANNANAGAM	D
120	POS/9840/SURESH KUMAR S\r\SURESH KUMA/19:17	D
3	TO ECM/4457/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM	D
160	UPIOUT/133507225605\r/murugeswaril48@okicici/U...	D
133	TO ECM/5371\r/echallanparivahanSBIEP\echallanpar	D
123	UPIOUT/131227067213\r/20455548574@sbin0071021....	D
145	UPIOUT/132518996785\r/q26546115@ybl/UPI/0000	D
197	BY CDM/0665/FBL-KOLLENCODE \	C
10	TO ECM/8229/IRCTC E-Ticketing\rApp \IRCTC E-Tic	D
104	FT IMPS/IFI/130208730361/VIJIN\rALEXANDER/Hi	C
86	UPIOUT/119122257898\r/pradeepalbernas@oksbi/UP...	D
52	TO ATM/5008/++CANDI BRANCH-\rVELACHE\++CANDI BRA	D
183	UPI IN/133908413633/liston.s1988-\r1@okhdfcbn...	C
184	TO ATM/1949/FBL-KOLLENCODE\r\KANNANAGAM	D
127	UPIOUT/131447547498\r/sharonselva0@okaxis/UPI/...	D

225	UPI IN/135502797706\r/shyamw1641999@okicici/UP...	C
75	TO ATM/7655/FBL-KOLLENCODE\r\KANNANAGAM	D
35	TO ATM/5173/+VELACHERY\rCHENNAI \+VELACHERY	D
137	UPIOUT/131917827042\r/clowismartin85@okicici/U...	D
25	CASH: RATHA	C
36	POS/2507/OOTY VEGETABLES\rAND FR\OOTY VEGETA/2...	D
148	BY CDM/6662/FBL-KOLLENCODE \	C
155	UPIOUT/133214985170\r/q24472161@ybl/UPI/0000	D

	Cheque\rDetails	Withdrawals	Deposits	Balance
119	NaN	NaN	2000.0	4925.39
170	NaN	500.0	NaN	3690.79
198	NaN	NaN	3000.0	31459.79
163	NaN	2000.0	NaN	3210.79
124	NaN	NaN	20.0	3010.39
195	NaN	NaN	32000.0	33459.79
80	NaN	152.0	NaN	1056.89
82	NaN	1000.0	NaN	1556.89
179	NaN	620.0	NaN	3204.79
43	NaN	500.0	NaN	2003.89
108	NaN	120.0	NaN	1042.39
214	NaN	NaN	48.0	51483.79
189	NaN	100.0	NaN	3395.79
210	NaN	3000.0	NaN	51495.79
50	NaN	13.0	NaN	1001.89
172	NaN	NaN	1710.0	3800.79
146	NaN	100.0	NaN	2199.39
191	NaN	90.0	NaN	1505.79
2	NaN	99.0	NaN	1146.78
150	NaN	NaN	4500.0	7009.39
223	NaN	250.0	NaN	18930.79
224	NaN	200.0	NaN	18730.79
114	NaN	NaN	3400.0	4426.39
192	NaN	NaN	300.0	1805.79
91	NaN	NaN	100.0	1157.39
15	NaN	800.0	NaN	1011.58
199	NaN	30000.0	NaN	1459.79
165	NaN	1000.0	NaN	1710.79
5	NaN	0.5	NaN	1038.28
67	NaN	NaN	1.5	1025.39
38	NaN	500.0	NaN	1003.89
27	NaN	500.0	NaN	2243.39
208	NaN	100.0	NaN	50495.79
32	NaN	500.0	NaN	1053.89
7	NaN	NaN	300.0	1322.28
202	NaN	NaN	6.0	1245.79
70	NaN	820.0	NaN	1225.39
125	NaN	2000.0	NaN	1010.39
89	NaN	300.0	NaN	1007.39
41	NaN	200.0	NaN	1003.89
207	NaN	500.0	NaN	50595.79

135	NaN	NaN	2000.0	6256.39
92	NaN	100.0	NaN	1057.39
106	NaN	123.0	NaN	1282.39
228	NaN	50.0	NaN	20982.79
51	NaN	NaN	800.0	1801.89
87	NaN	0.5	NaN	1357.39
142	NaN	50.0	NaN	3642.39
47	NaN	120.0	NaN	1242.89
134	NaN	2000.0	NaN	4256.39
171	NaN	1600.0	NaN	2090.79
168	NaN	20.0	NaN	1690.79
66	NaN	3000.0	NaN	1023.89
97	NaN	1160.0	NaN	1398.39
40	NaN	NaN	100.0	1203.89
99	NaN	NaN	7.0	1105.39
100	NaN	NaN	1.0	1106.39
19	NaN	39.0	NaN	1001.58
212	NaN	NaN	500.0	51495.79
227	NaN	58.0	NaN	21032.79
29	NaN	50.0	NaN	1918.89
173	NaN	340.0	NaN	3460.79
48	NaN	200.0	NaN	1042.89
126	NaN	NaN	1500.0	2510.39
204	NaN	2500.0	NaN	1245.79
215	NaN	NaN	12.0	51495.79
128	NaN	NaN	2500.0	4010.39
62	NaN	200.0	NaN	3084.89
74	NaN	NaN	5000.0	6001.89
14	NaN	NaN	800.0	1811.58
152	NaN	99.0	NaN	1910.39
143	NaN	923.0	NaN	2719.39
175	NaN	150.0	NaN	3210.79
9	NaN	NaN	100.0	1522.28
220	NaN	6000.0	NaN	19495.79
221	NaN	65.0	NaN	19430.79
73	NaN	25.0	NaN	1001.89
83	NaN	149.0	NaN	1407.89
174	NaN	100.0	NaN	3360.79
90	NaN	NaN	50.0	1057.39
4	NaN	54.0	NaN	1038.78
60	NaN	24.0	NaN	3484.89
139	NaN	10.0	NaN	3751.39
21	NaN	500.0	NaN	1251.58
216	NaN	1000.0	NaN	50495.79
159	NaN	NaN	6200.0	7202.59
45	NaN	617.0	NaN	1374.89
217	NaN	10000.0	NaN	40495.79
118	NaN	500.0	NaN	2925.39
46	NaN	12.0	NaN	1362.89
11	NaN	NaN	40.0	1054.58
177	NaN	NaN	300.0	3324.79

164	NaN	500.0	NaN	2710.79
120	NaN	1775.0	NaN	3150.39
3	NaN	54.0	NaN	1092.78
160	NaN	1500.0	NaN	5702.59
133	NaN	200.0	NaN	6256.39
123	NaN	560.0	NaN	2990.39
145	NaN	300.0	NaN	2299.39
197	NaN	NaN	27000.0	28459.79
10	NaN	507.7	NaN	1014.58
104	NaN	NaN	400.0	1505.39
86	NaN	50.0	NaN	1357.89
52	NaN	700.0	NaN	1101.89
183	NaN	NaN	15000.0	17102.79
184	NaN	10000.0	NaN	7102.79
127	NaN	1000.0	NaN	1510.39
225	NaN	NaN	1160.0	19890.79
75	NaN	5000.0	NaN	1001.89
35	NaN	2500.0	NaN	1053.89
137	NaN	1500.0	NaN	3756.39
25	NaN	NaN	2000.0	3001.58
36	NaN	50.0	NaN	1003.89
148	NaN	NaN	500.0	2639.39
155	NaN	136.0	NaN	1112.59

Second half:

	Unnamed: 0	Date	Value Date \
72	72	2021-04-26	26-APR-2021\r02:28:51 PM
88	88	2021-07-18	18-JUL-2021\r08:04:50 PM
149	149	2021-11-26	26-NOV-2021\r02:29:48 PM
31	31	2021-03-07	07-MAR-2021\r03:56:51 PM
110	110	2021-11-02	02-NOV-2021\r11:16:33 AM
157	157	2021-11-30	30-NOV-2021\r07:04:58 PM
154	154	2021-11-28	28-NOV-2021\r12:04:35 PM
0	0	2021-01-04	04-JAN-2021\r01:02:52 PM
229	229	NaN	NaN
56	56	2021-03-24	24-MAR-2021\r11:02:26 AM
140	140	2021-11-18	18-NOV-2021\r09:31:06 AM
95	95	2021-08-08	08-AUG-2021\r08:56:46 AM
117	117	2021-11-07	07-NOV-2021\r04:22:02 PM
54	54	2021-03-23	23-MAR-2021\r09:49:35 PM
23	23	2021-02-27	27-FEB-2021\r02:44:06 PM
53	53	2021-03-23	23-MAR-2021\r06:39:22 AM
178	178	2021-12-04	04-DEC-2021\r04:25:54 PM
182	182	2021-12-04	04-DEC-2021\r07:59:55 PM
42	42	2021-03-18	18-MAR-2021\r10:47:30 AM
30	30	2021-03-06	06-MAR-2021\r08:15:38 PM
107	107	2021-10-29	29-OCT-2021\r03:13:12 PM
59	59	2021-04-05	05-APR-2021\r06:59:36 PM
132	132	2021-11-13	13-NOV-2021\r11:54:08 AM
49	49	2021-03-21	21-MAR-2021\r03:00:53 PM
16	16	2021-01-30	30-JAN-2021\r07:39:34 PM
39	39	2021-03-15	15-MAR-2021\r09:23:40 PM

122	122	2021-11-08	08-NOV-2021\r08:09:35 PM
85	85	2021-07-10	10-JUL-2021\r09:52:28 PM
169	169	2021-12-03	03-DEC-2021\r09:23:39 AM
34	34	2021-03-10	10-MAR-2021\r01:03:51 PM
147	147	2021-11-23	23-NOV-2021\r06:15:50 PM
203	203	2021-12-13	13-DEC-2021\r06:41:19 PM
156	156	2021-11-29	29-NOV-2021\r11:02:27 AM
200	200	2021-12-09	09-DEC-2021\r05:10:18 PM
98	98	2021-09-05	05-SEP-2021\r05:47:47 PM
22	22	2021-02-27	27-FEB-2021\r02:36:25 PM
76	76	2021-06-28	28-JUN-2021\r11:32:01 AM
211	211	2021-12-20	20-DEC-2021\r01:28:09 PM
102	102	2021-10-28	28-OCT-2021\r09:54:17 PM
63	63	2021-04-08	08-APR-2021\r08:48:18 AM
180	180	2021-12-04	04-DEC-2021\r04:40:08 PM
71	71	2021-04-22	22-APR-2021\r04:12:07 PM
69	69	2021-04-20	20-APR-2021\r09:42:57 PM
65	65	2021-04-09	09-APR-2021\r12:52:58 PM
109	109	2021-10-30	30-OCT-2021\r05:16:37 PM
121	121	2021-11-07	07-NOV-2021\r09:42:12 PM
196	196	2021-12-09	09-DEC-2021\r12:03:21 PM
176	176	2021-12-04	04-DEC-2021\r02:01:15 PM
105	105	2021-10-29	29-OCT-2021\r09:53:39 AM
94	94	2021-08-05	05-AUG-2021\r05:01:08 PM
1	1	2021-01-06	06-JAN-2021\r05:08:38 PM
166	166	2021-12-02	02-DEC-2021\r09:32:56 AM
201	201	2021-12-10	10-DEC-2021\r09:06:00 AM
144	144	2021-11-21	21-NOV-2021\r10:32:13 AM
162	162	2021-12-01	01-DEC-2021\r12:39:13 PM
141	141	2021-11-18	18-NOV-2021\r09:31:45 AM
57	57	2021-03-28	28-MAR-2021\r05:47:03 AM
101	101	2021-10-28	28-OCT-2021\r09:51:15 PM
84	84	2021-07-10	10-JUL-2021\r02:16:13 PM
113	113	2021-11-05	05-NOV-2021\r11:48:45 AM
96	96	2021-09-03	03-SEP-2021\r04:45:55 PM
24	24	2021-02-27	27-FEB-2021\r03:03:38 PM
33	33	2021-03-09	09-MAR-2021\r11:56:31 AM
93	93	2021-07-30	30-JUL-2021\r11:57:57 AM
188	188	2021-12-06	06-DEC-2021\r05:05:25 PM
209	209	2021-12-19	19-DEC-2021\r11:37:05 AM
138	138	2021-11-16	16-NOV-2021\r08:18:14 AM
81	81	2021-07-08	08-JUL-2021\r12:18:23 PM
218	218	2021-12-20	20-DEC-2021\r09:00:14 PM
61	61	2021-04-06	06-APR-2021\r10:34:49 AM
222	222	2021-12-21	21-DEC-2021\r10:18:52 AM
115	115	2021-11-06	06-NOV-2021\r10:02:06 AM
28	28	2021-03-05	05-MAR-2021\r11:04:33 AM
68	68	2021-04-18	18-APR-2021\r11:10:55 AM
20	20	2021-02-25	25-FEB-2021\r11:41:29 AM
13	13	2021-01-22	22-JAN-2021\r09:18:05 PM
181	181	2021-12-04	04-DEC-2021\r07:37:16 PM

161	161	2021-12-01	01-DEC-2021\r09:34:25 AM
112	112	2021-11-04	04-NOV-2021\r01:11:16 PM
190	190	2021-12-06	06-DEC-2021\r05:13:08 PM
226	226	2021-12-21	21-DEC-2021\r01:26:09 PM
26	26	2021-03-01	01-MAR-2021\r04:54:01 PM
136	136	2021-11-15	15-NOV-2021\r01:38:23 PM
18	18	2021-02-08	08-FEB-2021\r06:39:38 PM
6	6	2021-01-15	15-JAN-2021\r07:03:37 PM
8	8	2021-01-16	16-JAN-2021\r08:55:14 PM
77	77	2021-06-28	28-JUN-2021\r11:56:56 AM
151	151	2021-11-26	26-NOV-2021\r02:54:26 PM
205	205	2021-12-14	14-DEC-2021\r12:26:09 PM
103	103	2021-10-28	28-OCT-2021\r10:22:43 PM
111	111	2021-11-02	02-NOV-2021\r03:24:40 PM
130	130	2021-11-11	11-NOV-2021\r12:55:09 PM
153	153	2021-11-27	27-NOV-2021\r01:43:51 PM
129	129	2021-11-10	10-NOV-2021\r11:05:28 PM
58	58	2021-04-05	05-APR-2021\r06:29:17 PM
78	78	2021-06-29	29-JUN-2021\r04:26:37 AM
131	131	2021-11-12	12-NOV-2021\r11:57:16 AM
79	79	2021-07-06	06-JUL-2021\r05:09:59 PM
167	167	2021-12-02	02-DEC-2021\r09:33:54 AM
213	213	2021-12-20	20-DEC-2021\r04:58:50 PM
206	206	2021-12-17	17-DEC-2021\r07:23:00 AM
64	64	2021-04-08	08-APR-2021\r11:33:53 AM
219	219	2021-12-20	20-DEC-2021\r09:00:58 PM
44	44	2021-03-19	19-MAR-2021\r06:49:01 AM
17	17	2021-02-08	08-FEB-2021\r06:38:51 PM
187	187	2021-12-06	06-DEC-2021\r11:21:20 AM
193	193	2021-12-07	07-DEC-2021\r04:55:11 PM
194	194	2021-12-07	07-DEC-2021\r08:07:52 PM
158	158	2021-11-30	30-NOV-2021\r07:09:27 PM
37	37	2021-03-12	12-MAR-2021\r02:49:15 PM
12	12	2021-01-18	18-JAN-2021\r08:04:50 PM
186	186	2021-12-06	06-DEC-2021\r08:43:53 AM
55	55	2021-03-24	24-MAR-2021\r04:03:19 AM
185	185	2021-12-05	05-DEC-2021\r10:38:22 AM
116	116	2021-11-07	07-NOV-2021\r03:27:33 PM

	Particulars	Tran\rType	\
72	Rupay Refund 4789 22/04/2021	C	
88	POS/8802/JACKYS PETROLEUM\r\JACKYS PETR/20:04	D	
149	UPIOUT/133014512175\r/tsenterprise@fbl/UPI/5172	D	
31	POS/9065/P K SHEFI \P K SHEFI /15:\r56	D	
110	UPIOUT/130628112893/9443791228-\r1@okbizaxis/U...	D	
157	UPI IN/133484442578\r/lijinkuttankp1269@okicic...	C	
154	UPIOUT/133211869627/paytm-\r651536@paytm/Oid10...	D	
0	EFT/10048307455 RECHARGE\r7305297028Euronet Se...	D	
229	GRAND TOTAL	NaN	
56	UPIOUT/108311774244\r/shyamw1641999@okicici/UP...	D	
140	UPIOUT/132209252067/billdesk.\rrepaid-mobile@...	D	

95	UPIOUT/122008441226/euronetgpay.\rpay@icici/UP...	D
117	UPIOUT/131108098564/lesinselva27-\r1@okhdfcba...	D
54	POS/1518/BALA SUPER SHOP\r106779\BALA SUPER /2...	D
23	MB FTB/210586694813/JOTHIS NIR\r/null/	C
53	CHRG/ATM TXN/18-03-2021 107714	D
178	UPI IN/133899408817\r/jothishnirmal10@okhdfcba...	C
182	TO ATM/3585/TAMBARAM RWST-I-\rOFF \TAMBARAM RW	D
42	CASH:RATHA	C
30	POS/2492/BALA SUPER SHOP\r\BALA SUPER /20:15	D
107	UPIOUT/130267179054/gpay-\r11166182298@okbizax...	D
59	UPI IN/109518651328\r/kobeyogi2409@okaxis/UPI/...	C
132	UPIOUT/131789545438\r/abhinandsree98-1@okaxis/...	D
49	POS/5861/AR RAHMAN BIRIYANI\r\AR RAHMAN B/15:00	D
16	Rupay Refund 8229 16/01/2021	C
39	UPI IN/107421412292\r/lesinselva27@okicici/UPI...	C
122	UPI IN/131227546865\r/vinodhalexander007@okaxi...	C
85	TO ATM/6858/MADURAI E-CORNER\r\MADURAI E-C	D
169	UPI IN/133722116856\r/murugeswari148@okicici/U...	C
34	CASH: SELF	C
147	UPIOUT/132718390380\r/jenifervictor663@okaxis/...	D
203	UPI IN/134718662801\r/shabingilbert20@oksbi/UP...	C
156	UPIOUT/133311289773\r/josmisro789@oksbi/UPI/0000	D
200	UPIOUT/134317032114\r/chandrasekharan@fbl/UPI/...	D
98	TO ATM/0772/SBI KOLLEMKODE\r\SBI KOLLEMK	D
22	POS/9743/BALA SUPER SHOP\r\BALA SUPER /14:36	D
76	BY CDM/8729/FBL-KOLLENCODE \	C
211	UPIOUT/135413611984\r/shabingilbert20@oksbi/UP...	D
102	FT IMPS/IFI/130121109593/VIJIN\rALEXANDER/Hi	C
63	UPI IN/109808139237\r/prathappappu1433@oksbi/p...	C
180	POS/2606/CHN MEDAVAKKAM\rIBACO \CHN MEDAVA/16:40	D
71	POS/4789/JACKYS PETROLEUM\r\JACKYS PETR/16:12	D
69	UPI IN/111021950357\r/vinodhalexander007@okaxi...	C
65	TO ATM/0997/FBL-KOLLENCODE\r\KANNANAGAM	D
109	FT IMPS/IFI/130317094032/VIJIN\rALEXANDER/Hi	C
121	UPIOUT/131113171500\r/jothishnirmal10@okhdfcba...	D
196	MB FTB/213432647643/VIJIN ALEX//	D
176	POS/7777/VAIRAM BANGLES\r\VAIRAM BANG/14:01	D
105	UPIOUT/130262023121\r/q77405552@ybl/UPI/0000	D
94	UPI IN/121762066485\r/07121998akin@ybl/Payment...	C
1	TO ECM/1889/AIRTEL \AIRTEL	D
166	FT IMPS/IFI/133609790162/VIJIN\rALEXANDER/Hi	C
201	UPIOUT/134409141346/9443791228-\r1@okbizaxis/p...	D
144	UPIOUT/132510375693\r/q95906482@ybl/UPI/0000	D
162	UPIOUT/133512846456\r/lijinkuttankp1269@okicic...	D
141	UPIOUT/132209269578/billldeskpays.\rrepaid-mobi...	D
57	SBINT:29-12-2020 to 27-03-2021\r[19060100046088]	C
101	UPIOUT/130159210301\r/pradeepalbernas@oksbi/UP...	D
84	UPI IN/119114909947\r/vinodhalexander007@okaxi...	C
113	UPIOUT/130977122989\r/q05998947@ybl/UPI/0000	D
96	MB FTB/212468900353/JOTHIS NIR//	C
24	POS/8266/MRF SEA FOODS CHIC\r\MRF SEA FOO/15:03	D

33		CASH: RATHA	C
93	UPI IN/121111313997\r\bharathk654@oksbi/UPI/0000		C
188	FT IMPS/IFI/134017362552\r\SHANDRA/IMPS		C
209	UPI IN/135371846728\r\murugeswari148@okicici/U...		C
138	UPI IN/132073500927\goog-\rpayment@okaxis/UPI/...		C
81	UPI IN/118924365991\r\jothishnirmal10@okhdfcba...		C
218	TO ATM/7829/FBL-KOLLENCODE\r\KANNANAGAM		D
61	POS/0614/KING PETROLEUM \KING\rPETROL/10:34		D
222	POS/2747/T S ENTERPRISE \T S\rENTERPR/10:18		D
115	UPIOUT/131088943267\lesinselva27-\r1@okhdfcbn...		D
28	POS/1878/BALA SUPER SHOP\r\BALA SUPER /11:04		D
68	UPI IN/110811412892\r\samananthi17@oksbi/UPI/0000		C
20		CASH: RATHA	C
13	TO ECM/2799/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM		D
181	UPIOUT/133819073106\r\paytmqr2810050501011m3hk...		D
161	UPIOUT/133540498547\paytm-\r651536@paytm/Oid10...		D
112	UPIOUT/130864903873\r/q24472161@ybl/UPI/0000		D
190	UPIOUT/134017055779\r\br104723c@fbl/Passport/4816		D
226	UPI IN/135544995111\r\sharonselva0@okaxis/UPI/...		C
26	TO ECM/8487/Indian Railway\rCaterin\Indian Rail		D
136	MB IMPS/IFO/131913934468\r\IDIB000S165/JEPPXXX...		D
18	UPI IN/103918840662\goog-\rpayment@okaxis/Rewa...		C
6	UPIOUT/101519919363\r\shabingilbert20@oksbi/UP...		D
8	UPI IN/101620407864\r\jothishnirmal10@okicici/...		C
77	UPIOUT/117905661706\r/9583737735@upi/Murukaswe...		D
151	MB FTB/213300140103/VIJIN ALEX\r/null/		D
205	FT IMPS/IFI/134812990059\r\SHANDRA/IMPS		C
103	UPIOUT/130159538538\r\ajayyssa@okhdfcbank/UPI/...		D
111	UPIOUT/130632664630\r/q24472161@ybl/UPI/0000		D
130		CASH: SELF	C
153	TO ATM/8960/FBL-KOLLENCODE\r\KANNANAGAM		D
129	UPIOUT/131457261048\r\johnjithin121@oksbi/UPI/...		D
58	UPI IN/109518156305\bharathk654-\r1@okicici/UP...		C
78	SBINT:28-03-2021 to 28-06-2021\r[19060100046088]		C
131	FT IMPS/IFI/131611801658/VIJIN\rALEXANDER/Hi		C
79	UPI IN/118702903786\lesindas@ybl\r/Payment fro...		C
167	UPIOUT/133609773393\lesinselva27-\r1@okhdfcbn...		D
213	UPIOUT/135416214908\r\shabingilbert20@oksbi/UP...		D
206	POS/9048/APOLLO PHARMACY\r\APOLLO PHAR/07:23		D
64	TO ECM/4579/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM		D
219	TO ATM/7830/FBL-KOLLENCODE\r\KANNANAGAM		D
44	CHRG/ATM TXN/15-03-2021 107421		D
17	UPIOUT/103918213016\r\jothishnirmal10@okicici/...		D
187	UPIOUT/134011585541\gpay-\r11166182987@okbizax...		D
193	UPIOUT/134116486540\r\ajeeshantony122001@oksbi...		D
194	UPIOUT/134120192382\r/q50768917@ybl/UPI/7299		D
158	UPIOUT/133419068020\r/Q42043094@ybl/Fedmobile ...		D
37	MB FTB/210715912560/JOTHIS NIR//		C
12	TO ECM/6047/AIRTEL PAYMENT\rBANK LT\AIRTEL PAYM		D
186	UPIOUT/134008255084\r/q02218423@ybl/UPI/7299		D
55	CHRG/ATM TXN/21-03-2021 108014		D

185	TO ATM/1950/FBL-KOLLENCODE\r\KANNANAGAM	D
116	UPI IN/131165248035\r/murugeswari148@okicici/U...	C

	Cheque\rDetails	Withdrawals	Deposits	Balance
72	NaN	NaN	1.5	1026.89
88	NaN	50.00	NaN	1307.39
149	NaN	130.00	NaN	2509.39
31	NaN	300.00	NaN	1553.89
110	NaN	100.00	NaN	1322.39
157	NaN	NaN	240.0	1322.59
154	NaN	161.80	NaN	1248.59
0	NaN	48.00	NaN	1293.78
229	NaN	193618.99	213260.0	NaN
56	NaN	16.00	NaN	1000.89
140	NaN	49.00	NaN	3702.39
95	NaN	149.00	NaN	1058.39
117	NaN	1.00	NaN	3425.39
54	NaN	50.00	NaN	1040.89
23	NaN	NaN	100.0	1201.58
53	NaN	11.00	NaN	1090.89
178	NaN	NaN	500.0	3824.79
182	NaN	500.00	NaN	2102.79
42	NaN	NaN	1500.0	2503.89
30	NaN	65.00	NaN	1853.89
107	NaN	120.00	NaN	1162.39
59	NaN	NaN	1250.0	3508.89
132	NaN	50.00	NaN	6456.39
49	NaN	28.00	NaN	1014.89
16	NaN	NaN	370.0	1381.58
39	NaN	NaN	100.0	1103.89
122	NaN	NaN	2400.0	3550.39
85	NaN	100.00	NaN	1407.89
169	NaN	NaN	2500.0	4190.79
34	NaN	NaN	2000.0	3553.89
147	NaN	60.00	NaN	2139.39
203	NaN	NaN	2500.0	3745.79
156	NaN	30.00	NaN	1082.59
200	NaN	120.00	NaN	1339.79
98	NaN	300.00	NaN	1098.39
22	NaN	150.00	NaN	1101.58
76	NaN	NaN	2000.0	3001.89
211	NaN	500.00	NaN	50995.79
102	NaN	NaN	1500.0	2605.39
63	NaN	NaN	1250.0	4334.89
180	NaN	528.00	NaN	2676.79
71	NaN	200.00	NaN	1025.39
69	NaN	NaN	820.0	2045.39
65	NaN	300.00	NaN	4023.89
109	NaN	NaN	380.0	1422.39
121	NaN	2000.00	NaN	1150.39
196	NaN	32000.00	NaN	1459.79

176	NaN	186.00	NaN	3024.79
105	NaN	100.00	NaN	1405.39
94	NaN	NaN	100.0	1207.39
1	NaN	48.00	NaN	1245.78
166	NaN	NaN	10000.0	11710.79
201	NaN	100.00	NaN	1239.79
144	NaN	120.00	NaN	2599.39
162	NaN	240.00	NaN	5210.79
141	NaN	10.00	NaN	3692.39
57	NaN	NaN	8.0	1008.89
101	NaN	1.00	NaN	1105.39
84	NaN	NaN	100.0	1507.89
113	NaN	100.00	NaN	1026.39
96	NaN	NaN	1500.0	2558.39
24	NaN	200.00	NaN	1001.58
33	NaN	NaN	500.0	1553.89
93	NaN	NaN	50.0	1107.39
188	NaN	NaN	1500.0	3495.79
209	NaN	NaN	4000.0	54495.79
138	NaN	NaN	5.0	3761.39
81	NaN	NaN	1500.0	2556.89
218	NaN	10000.00	NaN	30495.79
61	NaN	200.00	NaN	3284.89
222	NaN	250.00	NaN	19180.79
115	NaN	3000.00	NaN	1426.39
28	NaN	274.50	NaN	1968.89
68	NaN	NaN	200.0	1225.39
20	NaN	NaN	750.0	1751.58
13	NaN	10.00	NaN	1011.58
181	NaN	74.00	NaN	2602.79
161	NaN	251.80	NaN	5450.79
112	NaN	72.00	NaN	1126.39
190	NaN	1800.00	NaN	1595.79
226	NaN	NaN	1200.0	21090.79
26	NaN	258.19	NaN	2743.39
136	NaN	1000.00	NaN	5256.39
18	NaN	NaN	9.0	1040.58
6	NaN	16.00	NaN	1022.28
8	NaN	NaN	100.0	1422.28
77	NaN	2000.00	NaN	1001.89
151	NaN	5000.00	NaN	2009.39
205	NaN	NaN	50000.0	51245.79
103	NaN	1500.00	NaN	1105.39
111	NaN	124.00	NaN	1198.39
130	NaN	NaN	5000.0	6492.39
153	NaN	500.00	NaN	1410.39
129	NaN	2518.00	NaN	1492.39
58	NaN	NaN	1250.0	2258.89
78	NaN	NaN	7.0	1008.89
131	NaN	NaN	14.0	6506.39
79	NaN	NaN	200.0	1208.89

167	NaN	10000.00	NaN	1710.79
213	NaN	60.00	NaN	51435.79
206	NaN	150.00	NaN	51095.79
64	NaN	11.00	NaN	4323.89
219	NaN	5000.00	NaN	25495.79
44	NaN	12.00	NaN	1991.89
17	NaN	350.00	NaN	1031.58
187	NaN	88.00	NaN	1995.79
193	NaN	200.00	NaN	1605.79
194	NaN	146.00	NaN	1459.79
158	NaN	320.00	NaN	1002.59
37	NaN	NaN	500.0	1503.89
12	NaN	33.00	NaN	1021.58
186	NaN	19.00	NaN	2083.79
55	NaN	24.00	NaN	1016.89
185	NaN	5000.00	NaN	2102.79
116	NaN	NaN	2000.0	3426.39

```
plt.figure(figsize=(9,6))
plt.bar(x=db['Date'],height=df['Withdrawals'],color='Green')
plt.bar(x=db['Date'],height=df['Deposits'],color='blue')
plt.xticks(rotation= 45)
plt.title('Bar chart of Amount Withdrawals or Deposits')
plt.xlabel('Date',fontsize=13)
plt.ylabel('Amount',fontsize=13)
Text(0, 0.5, 'Amount')
```

[IMAGE:]