

```

1 C:\Users\venky\AppData\Local\Programs\Python\Python310\python.exe D:/Project/CryptocurrencyPublicLedger.py
2 -----
3 -----Welcome to Cryptocurrency ledger-----
4 -----
5 -----1-Create Account-1-----
6 -----2-Login-2-----
7 -----3-Exit-3-----
8 -----4-Ledger-4-----
9 -----Choice-----
10 1
11 -----
12 -----Create-----
13 -----
14 -----Enter your name-----Olivia
15 -----
16 -----Create your password-----20120345
17 -----
18 -----User id-----2
19 -----
20 -----Address-----A_nzqKrxh[
21 -----
22 -----Created-----
23 -----
24 -----1-Create Account-1-----
25 -----2-Login-2-----
26 -----3-Exit-3-----
27 -----4-Ledger-4-----
28 -----Choice-----
29 1
30 -----
31 -----Create-----
32 -----
33 -----Enter your name-----Emma
34 -----
35 -----Create your password-----20641912
36 -----
37 -----User id-----3
38 -----
39 -----Address-----IHh^b^ypU]
40 -----
41 -----Created-----
42 -----
43 -----1-Create Account-1-----
44 -----2-Login-2-----
45 -----3-Exit-3-----
46 -----4-Ledger-4-----
47 -----Choice-----
48 1
49 -----
50 -----Create-----
51 -----
52 -----Enter your name-----Elijah
53 -----
54 -----Create your password-----93454562
55 -----
56 -----User id-----4
57 -----
58 -----Address-----GlkTi[uIP^
59 -----
60 -----Created-----
61 -----
62 -----1-Create Account-1-----
63 -----2-Login-2-----

```

```

64 -----3-Exit-3-----
65 -----4-Ledger-4-----
66 -----Choice-----
67 1
68 -----
69 -----Create-----
70 -----
71 -----Enter your name-----Charlotte
72 -----
73 -----Create your password-----63749004
74 -----
75 -----User id-----5
76 -----
77 -----Address-----mbq¥tMnfZ`
78 -----
79 -----Created-----
80 -----
81 -----1-Create Account-1-----
82 -----2-Login-2-----
83 -----3-Exit-3-----
84 -----4-Ledger-4-----
85 -----Choice-----
86 1
87 -----
88 -----Create-----
89 -----
90 -----Enter your name-----William
91 -----
92 -----Create your password-----955114415
93 -----
94 -----User id-----6
95 -----
96 -----Address-----zrtIQzrRzj
97 -----
98 -----Created-----
99 -----
100 -----1-Create Account-1-----
101 -----2-Login-2-----
102 -----3-Exit-3-----
103 -----4-Ledger-4-----
104 -----Choice-----
105 1
106 -----
107 -----Create-----
108 -----
109 -----Enter your name-----Isabella
110 -----
111 -----Create your password-----94457915
112 -----
113 -----User id-----7
114 -----
115 -----Address-----¥NqRQGT¥ux
116 -----
117 -----Created-----
118 -----
119 -----1-Create Account-1-----
120 -----2-Login-2-----
121 -----3-Exit-3-----
122 -----4-Ledger-4-----
123 -----Choice-----
124 2
125 -----
126 -----Login-----

```

```

127 -----
128 Enter USID2
129 -----
130 -----Enter the password-----
131 -----
132 Enter Password20120345
133 -----
134 -----Successfully Login-----
135 -----
136 -----
137 -----5-Deposit-5-----
138 -----
139 -----
140 -----6-Transact-6-----
141 -----
142 -----
143 -----7-Display Account-7-----
144 -----
145 -----8-Log-Out-8-----
146 -----
147 -----Choice-----
148 5
149 -----Enter the N.O of tokens-----1000
150 Balance - 1000
151 -----
152 -----deposited-----
153 -----
154 -----
155 -----Successfully Login-----
156 -----
157 -----
158 -----5-Deposit-5-----
159 -----
160 -----
161 -----6-Transact-6-----
162 -----
163 -----
164 -----7-Display Account-7-----
165 -----
166 -----8-Log-Out-8-----
167 -----
168 -----Choice-----
169 7
170 -----Account-----
171 -----
172 USID Name Address Numberoftokens balance
173 2 Olivia A_nzqKrxh[ 1000 1000
174 -----
175 -----
176 -----Successfully Login-----
177 -----
178 -----
179 -----5-Deposit-5-----
180 -----
181 -----
182 -----6-Transact-6-----
183 -----
184 -----
185 -----7-Display Account-7-----
186 -----
187 -----8-Log-Out-8-----
188 -----
189 -----Choice-----

```

```

190 6
191 Enter the Address to send tokensYNqRQGT¥ux
192 Enter the number of tokens to be transacted!300
193 -----
194 -----Transacted-----
195 -----
196 -----
197 -----Successfully Login-----
198 -----
199 -----
200 -----5-Deposit-5-----
201 -----
202 -----
203 -----6-Transact-6-----
204 -----
205 -----
206 -----7-Display Account-7-----
207 -----
208 -----8-Log-Out-8-----
209 -----
210 -----Choice-----
211 7
212 -----Account-----
213 -----
214 USID Name Address Numberoftokens balance
215 2 Olivia A_nzqKrxh[ 700 700
216 -----
217 -----
218 -----Successfully Login-----
219 -----
220 -----
221 -----5-Deposit-5-----
222 -----
223 -----
224 -----6-Transact-6-----
225 -----
226 -----
227 -----7-Display Account-7-----
228 -----
229 -----8-Log-Out-8-----
230 -----
231 -----Choice-----
232 8
233 -----
234 -----Log-Out-----
235 -----
236 -----1-Create Account-1-----
237 -----2-Login-2-----
238 -----3-Exit-3-----
239 -----4-Ledger-4-----
240 -----Choice-----
241 2
242 -----
243 -----Login-----
244 -----
245 Enter USID7
246 -----
247 -----Enter the password-----
248 -----
249 Enter Password94457915
250 -----
251 -----Successfully Login-----
252 -----

```

```

253 -----
254 -----5-Deposit-5-----
255 -----
256 -----
257 -----6-Transact-6-----
258 -----
259 -----
260 -----7-Display Account-7-----
261 -----
262 -----8-Log-Out-8-----
263 -----
264 -----Choice-----
265 7
266 -----Account-----
267 -----
268 USID Name Address Numberoftokens balance
269 7 Isabella NqRQGTux 300 300
270 -----
271 -----
272 -----Successfully Login-----
273 -----
274 -----
275 -----5-Deposit-5-----
276 -----
277 -----
278 -----6-Transact-6-----
279 -----
280 -----
281 -----7-Display Account-7-----
282 -----
283 -----8-Log-Out-8-----
284 -----
285 -----Choice-----
286 8
287 -----
288 -----Log-Out-----
289 -----
290 -----1-Create Account-1-----
291 -----2-Login-2-----
292 -----3-Exit-3-----
293 -----4-Ledger-4-----
294 -----Choice-----
295 4
296 -----
297 -----LEDGER-----
298 -----
299 -----
300 Date TransactionNumber SendersAddress ReciversAddress Numberoftokens SendersBalance ReciversBalance
301 2022-03-01 1 amk182makik amk182makik 0 0 0
302 -----
303 -----
304 Date TransactionNumber SendersAddress ReciversAddress Numberoftokens SendersBalance ReciversBalance
305 2022-03-01 2 A_nzqKrxh[ NqRQGTux 300 700 300
306 -----
307 -----1-Create Account-1-----
308 -----2-Login-2-----
309 -----3-Exit-3-----
310 -----4-Ledger-4-----
311 -----Choice-----
312 2
313 -----
314 -----Login-----
315 -----

```

```
316 Enter USID3
317 -----
318 -----Enter the password-----
319 -----
320 Enter Password20641912
321 -----
322 -----Successfully Login-----
323 -----
324 -----
325 -----5-Deposit-5-----
326 -----
327 -----
328 -----6-Transact-6-----
329 -----
330 -----
331 -----7-Display Account-7-----
332 -----
333 -----8-Log-Out-8-----
334 -----
335 -----Choice-----
336 5
337 -----Enter the N.O of tokens-----1000
338 Balance - 1000
339 -----
340 -----deposited-----
341 -----
342 -----
343 -----Successfully Login-----
344 -----
345 -----
346 -----5-Deposit-5-----
347 -----
348 -----
349 -----6-Transact-6-----
350 -----
351 -----
352 -----7-Display Account-7-----
353 -----
354 -----8-Log-Out-8-----
355 -----
356 -----Choice-----
357 6
358 Enter the Address to send tokensYNqRQGT¥ux
359 Enter the number of tokens to be transacted!1000
360 -----
361 -----Transacted-----
362 -----
363 -----
364 -----Successfully Login-----
365 -----
366 -----
367 -----5-Deposit-5-----
368 -----
369 -----
370 -----6-Transact-6-----
371 -----
372 -----
373 -----7-Display Account-7-----
374 -----
375 -----8-Log-Out-8-----
376 -----
377 -----Choice-----
378 7
```

```

379 -----Account-----
380 -----
381 USID Name Address Numberoftokens balance
382 3 Emma IHh^b^ypU] 0 0
383 -----
384 -----
385 -----Successfully Login-----
386 -----
387 -----
388 -----5-Deposit-5-----
389 -----
390 -----
391 -----6-Transact-6-----
392 -----
393 -----
394 -----7-Display Account-7-----
395 -----
396 -----8-Log-Out-8-----
397 -----
398 -----Choice-----
399 8
400 -----
401 -----Log-Out-----
402 -----
403 -----1-Create Account-1-----
404 -----2-Login-2-----
405 -----3-Exit-3-----
406 -----4-Ledger-4-----
407 -----Choice-----
408 2
409 -----
410 -----Login-----
411 -----
412 Enter USID7
413 -----
414 -----Enter the password-----
415 -----
416 Enter Password94457915
417 -----
418 -----Successfully Login-----
419 -----
420 -----
421 -----5-Deposit-5-----
422 -----
423 -----
424 -----6-Transact-6-----
425 -----
426 -----
427 -----7-Display Account-7-----
428 -----
429 -----8-Log-Out-8-----
430 -----
431 -----Choice-----
432 7
433 -----Account-----
434 -----
435 USID Name Address Numberoftokens balance
436 7 Isabella NqRQGTux 1300 1300
437 -----
438 -----
439 -----Successfully Login-----
440 -----
441 -----

```

```

442 -----5-Deposit-5-----
443 -----
444 -----
445 -----6-Transact-6-----
446 -----
447 -----
448 -----7-Display Account-7-----
449 -----
450 -----8-Log-Out-8-----
451 -----
452 -----Choice-----
453 6
454 Enter the Address to send tokensA_nzqKrxh[
455 Enter the number of tokens to be transacted!1299
456 -----
457 -----Transacted-----
458 -----
459 -----
460 -----Successfully Login-----
461 -----
462 -----
463 -----5-Deposit-5-----
464 -----
465 -----
466 -----6-Transact-6-----
467 -----
468 -----
469 -----7-Display Account-7-----
470 -----
471 -----8-Log-Out-8-----
472 -----
473 -----Choice-----
474 7
475 -----Account-----
476 -----
477 USID Name Address Numberoftokens balance
478 7 Isabella NqRQGTux 1 1
479 -----
480 -----
481 -----Successfully Login-----
482 -----
483 -----
484 -----5-Deposit-5-----
485 -----
486 -----
487 -----6-Transact-6-----
488 -----
489 -----
490 -----7-Display Account-7-----
491 -----
492 -----8-Log-Out-8-----
493 -----
494 -----Choice-----
495 8
496 -----
497 -----Log-Out-----
498 -----
499 -----1-Create Account-1-----
500 -----2-Login-2-----
501 -----3-Exit-3-----
502 -----4-Ledger-4-----
503 -----Choice-----
504 4

```



```

505 -----
506 -----LEDGER-----
507 -----
508 -----
509 Date      TransactionNumber SendersAddress ReciversAddress Numberoftokens SendersBalance ReciversBalance
510 2022-03-01 1      amk182makik  amk182makik  0      0      0
511 -----
512 -----
513 Date      TransactionNumber SendersAddress ReciversAddress Numberoftokens SendersBalance ReciversBalance
514 2022-03-01 2      A_nzqKrxh[  NqRQGTux    300      700      300
515 -----
516 -----
517 Date      TransactionNumber SendersAddress ReciversAddress Numberoftokens SendersBalance ReciversBalance
518 2022-03-01 3      IHh^b^ypU]  NqRQGTux    1000      0      1300
519 -----
520 -----
521 Date      TransactionNumber SendersAddress ReciversAddress Numberoftokens SendersBalance ReciversBalance
522 2022-03-01 4      NqRQGTux    A_nzqKrxh[  1299      1      1999
523 -----
524 -----1-Create Account-1-----
525 -----2-Login-2-----
526 -----3-Exit-3-----
527 -----4-Ledger-4-----
528 -----Choice-----
529 3
530 -----
531 -----Exit-----
532 -----
533
534 Process finished with exit code 0
535

```