





IEludmVzdG1lbnQgTWFuYWdlbWVudCAoQXVzdHJhbGhKSBMaW1pdGVkCiBCbGFja1JvY2sgQWR2  
aXNvcnMgKFVlKSBMaW1pdGVkCiBCbGFja1JvY2sgRnVuZCBZHZpc29ycwogQmxhY2tSb2NrlEFz  
c2V0IE1hbmFnZW1lbnQgTm9ydGggQXNpYSBMaW1pdGVkCiBCbGFja1JvY2sgKFNpbmdhcG9yZSkG  
TGItaXRIZAogQmxhY2tSb2NrlEZ1bmQgTWFuYWdlcnMgTHRkCgoKCipFbnRpdHkgYmVuZWZpY2lh  
bGx5IG93bnMgNSUgb3Igz3JlYXRlciBvZiB0aGUgb3V0c3RhbmlRpbmcKc2hhcmVzIG9mIHRoZSBz  
ZWN1cm10eSBjBGFzcyBiZWluZyByZXBvcnRlZCBvbiB0aGlzCINjaGVkdWxIIIEzRy4KRXhoaWJp  
dCBCCgoKUE9XRVIgT0YgQVRUT1JlORVkkClRoZSB1bmRlcnNpZ25lZCwgQkxBO0tSTONLLCBJTKMu  
LCBhIGNvcnBvcnF0aW9uIGR1bHkgb3JnYW5pemVkcCnVuZGVyIHRoZSBsYXZxZlIG9mIHRoZSBTdTGF0  
ZSBvZiBEZwXhd2FyZSwgVW5pdGVkIFN0YXRlcyAodGhlcjJDb21wYW55IiksIGRvZXMgaGVyZWJ5  
IG1ha2UsIGNvbnN0aXR1dGUyYw5kIGFwcG9pbmQgZWFjaCBvZgpDaHJpc3RvcGhlcjBNZWZkZSwg  
RGFuaWVsIFdhdHRjaGVyLUCBVbmEgTmVhenksIFJpY2hhcmQgQ3VuZGlmZiWkQ2hhcmxlcYBQYXJr  
LCBFbmRhlE1jTWFob24sIEFyYGVuZSB1bGVpbmVwQ29uIFR6YXR6YWtpcywS2FyZ4gQ2xhcms  
CkRhdmkIE1hcnlsZXMsiERhbmlbCBsb25uZW4sIEpvaG4gU3RlbgxleSwRGFuaWVsIFJpZW11  
ciwKRWxpemFiZXRoiEtvZ3V0LCBNYXVyZWVulEdsZWVzb24sIERhbmlbCBLYWxpc2ggYW5kIFNw  
ZW5jZlIgrMxlbWluZyBhY3RpbmcKc2V2ZXJhbGx5LCBheYBpdHMgdHJ1ZSBhbmQgbGF3ZnVsIGF0  
dG9ybmV5cy1pbi1mYWN0LCBmb3IgdGhllHB1cnBvc2Ugb2YsIGZyb20KdGltZSB0byB0aW1lLCBl  
eGVjdXRpbmcaW4gaXRzIG5hbWUgYw5kIG9uIGl0cyBiZWVhbG9ySjIHRoZXRoZXRlZGhllENvbXBh  
bnkKaW5kaXZpZHVhbGx5IG9yIGFzIHJlcHJlc2VudGF0aXZlIG9mIG90aGVycywgYW55IGFuZCBh  
bGwgZG9jdW1lbnRzLCBpcyBhY3RpbmcKc2V2YdGlmawNhdGVzLzCBpbmN0cnVtZW50cywgc3RhdGVt  
ZW50cywgb3RoZlIgzmlsaW5ncyBhbmQgYw1lbnRtZW50cyB0byB0aGUkZm9yZWdvaW5nIChjb2xs  
ZWN0aXZlBhksICJkb21bWVudHMkSBkZXRlcm1pbmVkiGJ5IHN1Y2ggcGVyc29uIHRvCmJlIG5l  
Y2Vzc2FyeSBvciBhcHB3ByaWF0ZSB1bGVpbmVwQ29uIFR6YXR6YWtpcywS2FyZ4gQ2xhcms  
bC1wZlIz24KcmVwb3J0aW5nIHJlcXVpcnVtZW50cyBpbXBvc2VkiGJ5IGFueSBvbm10ZWQgU3Rh  
dGVzIG9yIG5vbi1Vbml0ZWQgU3RhdGVzCmdvdmVybm1lbnRhbCBvciByZWd1bGF0b3J5IGF1dGhv  
cm10eSwgSW5jbHVkaW5nIHdpdGhvdXQgbGltXRhdGlvbGpGb3JtcyAzLCA0LCA1LCAxM0QsIDEz  
RiwgMTNHIGFuZCAxM0ggYw5kIGFueSBhbWVuZG1lbnRzIHRvIGFueSBvZiB0aGUKRm9yZWdvaW5n  
IGFzIG1heSBiZSBvZlZlXlZCB0byBiZSBmaWxlZCB3aXRoiHRoZSBTZW50cm10aWVzIGFuZApF  
eGNoYW5nZSBDb21taXNzaW9uLzCBhbmQgZGVsaXZlcm1uZyZwZnVybmlzaGluZyBvciBmaWxpemcg  
YW55CnN1Y2ggZG9jdW1lbnRzIHdpdGggdGhllIGFwcHJvcHJpYXRlIGdvdmVybm1lbnRhbCBwcmVn  
dWxhdG9yeQphdXR0b3JpdHkgb3Igb3RoZlIgcGVyc29uLzCBhbmQgZ212aW5nIGFuZCBncmFudGlu  
ZyB0byB1YNoIHN1Y2gkYXR0b3JuzXktaW4tZmFjdCBwb3dlciBhbmQgYXV0aG9yaXR5IHRvIGFj  
dCBpbiB0aGUgcHJlbnWlZXMgYXMGZnVsbHkKYYw5kIHRvIGFsbCBpbmRlbnRzIGFuZCBwdXJwb3Nl  
cyBhcyB0aGUgUG9yIGFueSBtaWdodCBvciBjb3VsZApkbyBpZiBwZXJzb25hbGx5IHByZXNlbnQg  
Ynkgb25lIG9mIGl0cyBhdXR0b3JpemVkiHNpZ25hdG9yaWVzLAp0ZXJlYnkgcmF0aWZ5aW5nIGFu  
ZCBjb25maXJtaW5nIGFsbCB0aGF0IHNaWQgYXR0b3JuzXktaW4tZmFjdCBzaGFsbApsYXdmdWxs  
eSBkbyBvciBjYXVzZSB0byBiZSBkb25lIGJ5IHZpcnR1ZSB0ZXJlb2YulEFueSBzdWNoCmRldGVy  
bWluYXRpb24gYnkgYw4gYXR0b3JuzXktaW4tZmFjdCBuYw1lZCB0ZXJlaW4gc2hhbGwgYmUKY29u  
Y2x1c2l2ZWx5IGV2aWRlbnNlZCBieSBzdWNoIHBlcnNvbldzIGV4ZW50dGlvbiwZGVsaXZlcnks  
CmZlcm1p2hpemcg3IgzmlsaW5nIG9mIHRoZSBhcbHsaWNhYmxlIGRvY3VtZW50LgoKVGHpcyBw  
b3dlciBvZiBhdHRvcnF0eSBzaGFsbCBleHByZXNzbHkgcmV2b2tIHRoZSBwb3dlciBvZiBhdHRv  
cm5leQpkYXRIZCA4dGggZGF5IG9mIERIY2VtYmVyLCAyMDE1IGluIHJlc3BIY3Qgb2YgdGhllHN1  
YmplY3QgbWF0dGVyIGhlcMvVzWkKc2hhbGwgYmUgdmFsaWQgZnJvbSB0aGUgZGF0ZSB0ZXJlb2Yg  
YW5kIHNoYWxsIHJlbnWlZlBpbmBmdWxsIGZvcnNlIGFuZApZmZlY3QgdW50aWwZl0aGVyIHJl  
dm9rZWQgaW4gd3JpdGluZyBieSB0aGUgQ29tcGFueSwgb3IsIGluIHJlc3BIY3Qgb2YkYw55IGF0  
dG9ybmV5LWluLWZlY3QgbmFtZWQgaGVyZWluLzCB1bnRpbCBzdWNoIHBlcnNvbijZWFzZXMgdG8g  
YmUgYw4KZW1wbG95ZWUg2YgdGhllENvbXBhbnkgb3Igb25lIG9mIGl0cyBhZmZpbGhldGVzLgoK  
Ckl0IFdJVE5FU1MgV0hFUKVPRiwdGhllIHVuZGVyc2lnbmVkiGhhcyBjYXVzZWQgdGhpcyBwb3dl  
ciBvZgpzdHRvcnF0eSB0byBiZSBleGVjdXRlZCBhcyBvZiB0aGlzIDJuZCBkYXkgb2YgSmFudWFy  
eSwgMjAxOS4KCKJMQUNLUk9DSywgSU5DLgoKckJ5OI8gL3MvIERhbmlbCBXYWx0Y2hlcgpOYW11  
OiBEYW5pZWwgV2FsdGNoZXRlZG9uIG9uIG90aGVycywgYW55IGFuZCBh