

Soldius Coin Smart Contract Audit

Initial Supply : 21000000

Token Name : Soldius Coin

Token Symbol: SUL

Functions:

```
function blacklistMalicious()
```

You can add or remove address from Blacklisted Mapping. For blacklisting an address passing two arguments address to be black listed and value as true. For removing address from blacklist you will pass the address and value as false.

Blacklisted addresses will not be able to send or receive any tokens.

```
function _beforeTokenTransfer()
```

This function will auto run when we call the transfer Functions and it will check is the address is blacklisted it will revert the transaction.

```
isBlacklisted()
```

This function take the address and return true if address is Blacklisted and false if it's not.

```
pause()
```

You can stop the contract from transferring Tokens. By default it will be unpaused.

```
unpause()
```

You can unpause the contract from transferring Tokens. By default it's unpaused.

```
snapshot()
```

Snapshot will save the snapshot of the balances of Users before the snap.

```
balanceOfAt()
```

You can get the previous Balance of the User by passing user address and Snap ID.

Changes:

- Update the contract name with Token name.
- Fixed the Compiler Version on line 2 by removing ^ before the compiler version.
- And flatten the contract before deploying it.