

\*\*\*\*\* Module week2options

eclipse-workspace\Week2Options\week2options.py:18:25: C0303: Trailing whitespace  
(trailing-whitespace)  
eclipse-workspace\Week2Options\week2options.py:49:0: C0303: Trailing whitespace  
(trailing-whitespace)  
eclipse-workspace\Week2Options\week2options.py:78:0: C0303: Trailing whitespace  
(trailing-whitespace)  
eclipse-workspace\Week2Options\week2options.py:80:0: C0301: Line too long (104/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:85:0: C0301: Line too long (103/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:90:0: C0301: Line too long (103/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:95:0: C0301: Line too long (103/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:100:0: C0301: Line too long (103/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:105:0: C0301: Line too long (102/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:110:0: C0301: Line too long (102/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:115:0: C0301: Line too long (102/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:120:0: C0301: Line too long (101/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:125:0: C0301: Line too long (102/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:130:0: C0301: Line too long (102/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:135:0: C0301: Line too long (102/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:140:0: C0301: Line too long (101/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:145:0: C0301: Line too long (102/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:150:0: C0301: Line too long (101/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:155:0: C0301: Line too long (101/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:176:0: C0303: Trailing whitespace  
(trailing-whitespace)  
eclipse-workspace\Week2Options\week2options.py:184:0: C0301: Line too long (122/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:184:122: C0303: Trailing whitespace  
(trailing-whitespace)  
eclipse-workspace\Week2Options\week2options.py:203:0: C0301: Line too long (105/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:203:0: C0301: Line too long (105/100)  
(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:209:0: C0301: Line too long (111/100)

(line-too-long)  
eclipse-workspace\Week2Options\week2options.py:226:0: W0622: Redefining built-in 'exit' (redefined-builtin)  
eclipse-workspace\Week2Options\week2options.py:32:4: W0621: Redefining name 'choice' from outer scope (line 231) (redefined-outer-name)  
eclipse-workspace\Week2Options\week2options.py:44:0: E0102: function already defined line 22 (function-redefined)  
eclipse-workspace\Week2Options\week2options.py:50:4: C0103: Variable name "PW\_LENGTH" doesn't conform to snake\_case naming style (invalid-name)  
eclipse-workspace\Week2Options\week2options.py:53:8: C0103: Variable name "PW\_LENGTH" doesn't conform to snake\_case naming style (invalid-name)  
eclipse-workspace\Week2Options\week2options.py:55:4: C0103: Variable name "USE\_UP\_CASE" doesn't conform to snake\_case naming style (invalid-name)  
eclipse-workspace\Week2Options\week2options.py:58:8: C0103: Variable name "USE\_UP\_CASE" doesn't conform to snake\_case naming style (invalid-name)  
eclipse-workspace\Week2Options\week2options.py:60:4: C0103: Variable name "USE\_LO\_CASE" doesn't conform to snake\_case naming style (invalid-name)  
eclipse-workspace\Week2Options\week2options.py:63:8: C0103: Variable name "USE\_LO\_CASE" doesn't conform to snake\_case naming style (invalid-name)  
eclipse-workspace\Week2Options\week2options.py:65:4: C0103: Variable name "USE\_NUMBER" doesn't conform to snake\_case naming style (invalid-name)  
eclipse-workspace\Week2Options\week2options.py:68:8: C0103: Variable name "USE\_NUMBER" doesn't conform to snake\_case naming style (invalid-name)  
eclipse-workspace\Week2Options\week2options.py:70:4: C0103: Variable name "USE\_SPECIAL" doesn't conform to snake\_case naming style (invalid-name)  
eclipse-workspace\Week2Options\week2options.py:73:8: C0103: Variable name "USE\_SPECIAL" doesn't conform to snake\_case naming style (invalid-name)  
eclipse-workspace\Week2Options\week2options.py:44:0: R0912: Too many branches (22/12) (too-many-branches)  
eclipse-workspace\Week2Options\week2options.py:44:0: R0915: Too many statements (83/50) (too-many-statements)  
eclipse-workspace\Week2Options\week2options.py:165:10: C0123: Using type() instead of isinstance() for a typecheck. (unidiomatic-typecheck)  
eclipse-workspace\Week2Options\week2options.py:169:10: C0123: Using type() instead of isinstance() for a typecheck. (unidiomatic-typecheck)  
eclipse-workspace\Week2Options\week2options.py:173:10: C0123: Using type() instead of isinstance() for a typecheck. (unidiomatic-typecheck)  
eclipse-workspace\Week2Options\week2options.py:187:0: C0116: Missing function or method docstring (missing-function-docstring)  
eclipse-workspace\Week2Options\week2options.py:188:4: W0621: Redefining name 'today' from outer scope (line 19) (redefined-outer-name)  
eclipse-workspace\Week2Options\week2options.py:197:4: W0105: String statement has no effect (pointless-string-statement)  
eclipse-workspace\Week2Options\week2options.py:201:4: W0105: String statement has no effect (pointless-string-statement)  
eclipse-workspace\Week2Options\week2options.py:212:4: C0103: Variable name "ab2cosC" doesn't conform to snake\_case naming style (invalid-name)  
eclipse-workspace\Week2Options\week2options.py:231:0: C0103: Constant name "choice" doesn't conform to UPPER\_CASE naming style (invalid-name)  
eclipse-workspace\Week2Options\week2options.py:252:4: C0103: Constant name "choice"

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doesn't conform to UPPER_CASE naming style (invalid-name)
eclipse-workspace\Week2Options\week2options.py:259:4: R1722: Consider using
sys.exit() (consider-using-sys-exit)
eclipse-workspace\Week2Options\week2options.py:17:0: W0611: Unused timedelta
imported from datetime (unused-import)
eclipse-workspace\Week2Options\week2options.py:19:0: W0611: Unused today imported
from dateutil.utils (unused-import)
eclipse-workspace\Week2Options\week2options.py:20:0: C0411: standard import "import
math" should be placed before "from dateutil.utils import today"
(wrong-import-order)
eclipse-workspace\Week2Options\week2options.py:21:0: C0411: standard import "from
math import pi" should be placed before "from dateutil.utils import today"
(wrong-import-order)
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Your code has been rated at 6.40/10 (previous run: 6.40/10, +0.00)

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***** Module week2options
eclipse-workspace\Week2Options\week2options.py:41:0: R0912: Too many branches
(22/12) (too-many-branches)
eclipse-workspace\Week2Options\week2options.py:41:0: R0915: Too many statements
(83/50) (too-many-statements)
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Your code has been rated at 9.88/10 (previous run: 9.62/10, +3.48)

I could correct all the lines, except the 2 in the second run of pylint.  
There are too many while loops and if statements.  
I am not sure how else to write at this point.