```
PS C:\Users\esthe\anaconda3\Anaconda3\Scripts> ./pylint Proyecto DNA.py
******* Module Proyecto_DNA
Proyecto DNA.py:21:44: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:56:102: C0303: Trailing whitespace (trailing-whitespace)
Proyecto_DNA.py:56:0: C0301: Line too long (102/100) (line-too-long)
Proyecto DNA.py:67:0: C0301: Line too long (103/100) (line-too-long)
Proyecto DNA.py:75:0: C0301: Line too long (105/100) (line-too-long)
Proyecto DNA.py:77:0: C0301: Line too long (101/100) (line-too-long)
Proyecto DNA.py:88:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:90:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:97:23: C0303: Trailing whitespace (trailing-whitespace)
Provecto DNA.py:100:0: C0301: Line too long (117/100) (line-too-long)
Proyecto_DNA.py:101:40: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:104:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:125:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:128:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:135:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto_DNA.py:136:76: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:141:0: C0303: Trailing whitespace (trailing-whitespace)
Provecto DNA.pv:146:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:148:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:152:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:154:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:159:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:164:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto_DNA.py:169:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto_DNA.py:171:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:172:0: C0301: Line too long (133/100) (line-too-long)
Proyecto DNA.py:173:0: C0301: Line too long (133/100) (line-too-long)
Proyecto DNA.py:174:0: C0301: Line too long (133/100) (line-too-long)
Proyecto DNA.py:175:0: C0301: Line too long (133/100) (line-too-long)
Proyecto DNA.py:176:0: C0301: Line too long (135/100) (line-too-long)
Provecto DNA.py:177:0: C0301: Line too long (133/100) (line-too-long)
Proyecto DNA.py:178:0: C0301: Line too long (134/100) (line-too-long)
Proyecto DNA.py:179:0: C0301: Line too long (133/100) (line-too-long)
Proyecto DNA.py:180:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:183:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:185:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:187:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:189:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:192:0: W0311: Bad indentation. Found 20 spaces, expected 16 (bad-indentation)
Proyecto DNA.py:193:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:209:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:233:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:235:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:239:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:240:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:250:18: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:251:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto_DNA.py:252:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto_DNA.py:261:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:264:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:265:0: W0311: Bad indentation. Found 11 spaces, expected 12 (bad-indentation)
Proyecto DNA.py:266:0: W0311: Bad indentation. Found 11 spaces, expected 12 (bad-indentation)
Proyecto DNA.py:267:0: W0311: Bad indentation. Found 11 spaces, expected 12 (bad-indentation)
Proyecto DNA.py:268:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:269:0: C0301: Line too long (115/100) (line-too-long)
Proyecto DNA.py:279:0: C0303: Trailing whitespace (trailing-whitespace)
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Proyecto DNA.py:286:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:291:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:299:0: C0301: Line too long (144/100) (line-too-long)
Proyecto DNA.py:304:0: C0301: Line too long (107/100) (line-too-long)
Provecto DNA.py:307:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:308:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:309:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:311:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.pv:313:0: C0301: Line too long (144/100) (line-too-long)
Proyecto DNA.py:314:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:318:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:321:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto_DNA.py:322:0: C0301: Line too long (124/100) (line-too-long)
Proyecto DNA.py:323:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:325:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:335:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:342:0: C0301: Line too long (133/100) (line-too-long)
Proyecto_DNA.py:343:0: C0301: Line too long (133/100) (line-too-long)
Proyecto DNA.py:344:0: C0301: Line too long (133/100) (line-too-long)
Provecto DNA.pv:345:0: C0301: Line too long (133/100) (line-too-long)
Proyecto DNA.py:346:0: C0301: Line too long (135/100) (line-too-long)
Proyecto DNA.py:347:0: C0301: Line too long (133/100) (line-too-long)
Proyecto DNA.py:348:0: C0301: Line too long (134/100) (line-too-long)
Proyecto DNA.py:349:0: C0301: Line too long (133/100) (line-too-long)
Proyecto DNA.py:350:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto_DNA.py:352:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto_DNA.py:353:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:363:18: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:364:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:370:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:371:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:372:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:374:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:381:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:384:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:385:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:394:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:400:0: C0301: Line too long (101/100) (line-too-long)
Proyecto DNA.py:405:0: C0301: Line too long (101/100) (line-too-long)
Proyecto DNA.py:406:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:407:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:408:0: C0301: Line too long (112/100) (line-too-long)
Proyecto DNA.py:418:0: C0301: Line too long (119/100) (line-too-long)
Proyecto DNA.py:420:0: C0301: Line too long (144/100) (line-too-long)
Proyecto DNA.py:421:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:432:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:433:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:434:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto DNA.py:438:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto_DNA.py:439:0: C0303: Trailing whitespace (trailing-whitespace)
Proyecto_DNA.py:442:0: C0301: Line too long (139/100) (line-too-long)
Proyecto DNA.py:477:0: C0301: Line too long (109/100) (line-too-long)
Proyecto DNA.py:480:0: C0301: Line too long (110/100) (line-too-long)
Proyecto DNA.py:483:0: C0301: Line too long (119/100) (line-too-long)
Proyecto DNA.py:484:0: C0301: Line too long (102/100) (line-too-long)
Proyecto DNA.py:486:0: C0301: Line too long (102/100) (line-too-long)
Proyecto DNA.py:489:0: C0304: Final newline missing (missing-final-newline)
```

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Proyecto_DNA.py:1:0: C0103: Module name "Proyecto_DNA" doesn't conform to snake_case naming style (invalid-name)
```

Proyecto_DNA.py:86:0: C0116: Missing function or method docstring (missing-function-docstring)

Proyecto DNA.py:87:4: C0415: Import outside toplevel (random) (import-outside-toplevel)

Proyecto_DNA.py:94:8: C0103: Variable name "n" doesn't conform to snake_case naming style (invalid-name)

Proyecto_DNA.py:95:8: C0103: Variable name "b" doesn't conform to snake_case naming style (invalid-name)

Proyecto_DNA.py:94:8: W0612: Unused variable 'n' (unused-variable)

Proyecto DNA.py:100:0: W0102: Dangerous default value [] as argument (dangerous-default-value)

Proyecto_DNA.py:100:0: C0103: Function name "limpiarCadena" doesn't conform to snake_case naming style (invalid-name)

Proyecto DNA.py:100:0: C0116: Missing function or method docstring (missing-function-docstring)

Proyecto_DNA.py:106:8: R1724: Unnecessary "else" after "continue" (no-else-continue)

Proyecto_DNA.py:114:0: C0103: Function name "ImprimirCadenaLimpia" doesn't conform to snake_case naming style (invalid-name)

Proyecto DNA.py:114:0: C0116: Missing function or method docstring (missing-function-docstring)

Proyecto_DNA.py:119:0: C0103: Function name "contarBase" doesn't conform to snake_case naming style (invalid-name)

Proyecto_DNA.py:119:0: C0116: Missing function or method docstring (missing-function-docstring)

Proyecto_DNA.py:136:0: C0116: Missing function or method docstring (missing-function-docstring)

Proyecto_DNA.py:137:4: W0621: Redefining name 'complementaria' from outer scope (line 224) (redefined-outer-name)

Proyecto_DNA.py:138:4: C0103: Variable name "ADN_ARN" doesn't conform to snake_case naming style (invalid-name)

Proyecto_DNA.py:150:8: C0103: Variable name "base_ARN" doesn't conform to snake_case naming style (invalid-name)

Proyecto_DNA.py:157:0: C0103: Function name "transcripcion_ADN" doesn't conform to snake_case naming style (invalid-name)

Proyecto_DNA.py:157:0: C0116: Missing function or method docstring (missing-function-docstring)

Proyecto_DNA.py:166:8: W0707: Consider explicitly re-raising using the 'from' keyword (raise-missing-from)

Proyecto DNA.py:168:0: C0116: Missing function or method docstring (missing-function-docstring)

Proyecto DNA.py:170:4: W0621: Redefining name 'proteina' from outer scope (line 68) (redefined-outer-name)

Proyecto_DNA.py:197:16: W0101: Unreachable code (unreachable)

Proyecto_DNA.py:202:0: C0103: Function name "traduccion_ADN" doesn't conform to snake_case naming style (invalid-name)

Proyecto DNA.py:202:0: C0116: Missing function or method docstring (missing-function-docstring)

Proyecto DNA.py:212:8: W0707: Consider explicitly re-raising using the 'from' keyword (raise-missing-from)

Proyecto_DNA.py:214:0: C0103: Function name "ARN_ADN" doesn't conform to snake_case naming style (invalid-name)

Proyecto DNA.py:214:0: C0116: Missing function or method docstring (missing-function-docstring)

Proyecto_DNA.py:216:8: W0621: Redefining name 'ARN_ADN' from outer scope (line 214) (redefined-outer-name)

Proyecto_DNA.py:216:8: C0103: Variable name "ARN_ADN" doesn't conform to snake_case naming style (invalid-name)

Proyecto DNA.py:222:8: W0707: Consider explicitly re-raising using the 'from' keyword (raise-missing-from)

Proyecto_DNA.py:224:0: C0116: Missing function or method docstring (missing-function-docstring)

Proyecto_DNA.py:226:8: W0621: Redefining name 'complementaria' from outer scope (line 224) (redefined-outer-name)

Proyecto_DNA.py:228:12: C0103: Variable name "c" doesn't conform to snake_case naming style (invalid-name)

Proyecto DNA.py:232:8: W0707: Consider explicitly re-raising using the 'from' keyword (raise-missing-from)

Proyecto_DNA.py:236:0: C0103: Function name "estadisticas_CADENA" doesn't conform to snake_case naming style (invalid-name)

Proyecto DNA.py:236:0: C0116: Missing function or method docstring (missing-function-docstring)

Proyecto_DNA.py:315:12: W0621: Redefining name 'proteina' from outer scope (line 68) (redefined-outer-name)

Proyecto DNA.py:263:8: R1705: Unnecessary "elif" after "return" (no-else-return)

Proyecto_DNA.py:263:8: R1720: Unnecessary "elif" after "raise" (no-else-raise)

Proyecto_DNA.py:263:11: C0121: Comparison 'adn.isalpha() == True' should be 'adn.isalpha() is True' if checking for the singleton value True, or 'bool(adn.isalpha())' if testing for truthiness (singleton-comparison)

Proyecto DNA.py:267:11: W0101: Unreachable code (unreachable)

Proyecto_DNA.py:269:13: C0121: Comparison 'adn.isalpha() == True' should be 'adn.isalpha() is True' if checking for the singleton value True, or 'bool(adn.isalpha())' if testing for truthiness (singleton-comparison)

Proyecto DNA.py:271:12: W0107: Unnecessary pass statement (unnecessary-pass)

Proyecto_DNA.py:272:13: C0121: Comparison 'adn.isalpha() == True' should be 'adn.isalpha() is True' if checking for the singleton value True, or 'bool(adn.isalpha())' if testing for truthiness (singleton-comparison)

Proyecto_DNA.py:274:12: W0107: Unnecessary pass statement (unnecessary-pass)

Proyecto DNA.py:282:12: R1720: Unnecessary "else" after "raise" (no-else-raise)

Proyecto DNA.py:282:12: R1723: Unnecessary "else" after "break" (no-else-break)

Proyecto DNA.py:285:16: W0101: Unreachable code (unreachable)

Proyecto_DNA.py:303:11: C0121: Comparison 'adn_control == True' should be 'adn_control is True' if checking for the singleton value True, or 'adn_control' if testing for truthiness (singleton-comparison)

Proyecto_DNA.py:305:13: C0121: Comparison 'arn_control == True' should be 'arn_control is True' if checking for the singleton value True, or 'arn_control' if testing for truthiness (singleton-comparison)

Proyecto_DNA.py:310:11: C0121: Comparison 'adn_control == True' should be 'adn_control is True' if checking for the singleton value True, or 'adn_control' if testing for truthiness (singleton-comparison)

Proyecto_DNA.py:317:13: C0121: Comparison 'arn_control == True' should be 'arn_control is True' if checking for the singleton value True, or 'arn_control' if testing for truthiness (singleton-comparison)

Proyecto_DNA.py:236:0: R0912: Too many branches (13/12) (too-many-branches)

Proyecto DNA.py:236:0: R0915: Too many statements (63/50) (too-many-statements)

Proyecto_DNA.py:339:0: C0103: Function name "estadisticas_PROTEINA" doesn't conform to snake_case naming style (invalid-name)

Proyecto_DNA.py:339:0: C0116: Missing function or method docstring (missing-function-docstring)

Proyecto DNA.py:366:8: R1705: Unnecessary "else" after "return" (no-else-return)

Proyecto DNA.py:379:16: R1720: Unnecessary "else" after "raise" (no-else-raise)

Proyecto_DNA.py:388:20: R1723: Unnecessary "elif" after "break" (no-else-break)

Proyecto_DNA.py:398:16: R1723: Unnecessary "elif" after "break" (no-else-break)

Proyecto_DNA.py:398:19: C0121: Comparison 'fin == True' should be 'fin is True' if checking for the singleton value True, or 'fin' if testing for truthiness (singleton-comparison)

Proyecto_DNA.py:400:21: C0121: Comparison 'encontrado == False' should be 'encontrado is False' if checking for the singleton value False, or 'not encontrado' if testing for falsiness (singleton-comparison)

Proyecto DNA.py:402:20: W0101: Unreachable code (unreachable)

Proyecto_DNA.py:403:20: W0101: Unreachable code (unreachable)

Proyecto_DNA.py:339:0: R1710: Either all return statements in a function should return an expression, or none of them should. (inconsistent-return-statements)

Proyecto DNA.py:339:0: R0912: Too many branches (16/12) (too-many-branches)

Proyecto DNA.py:339:0: R0915: Too many statements (65/50) (too-many-statements)

Proyecto DNA.py:7:0: W0611: Unused BOTTOM imported from tkinter (unused-import)

Your code has been rated at 4.32/10 (previous run: 4.25/10, +0.06)

PS C:\Users\esthe\anaconda3\Anaconda3\Scripts>