**Pseudo Code Password Checker:**

length 🡨 false

digit 🡨 false

upper 🡨 false

lower 🡨 false

other 🡨 false

valid 🡨 false

while valid 🡨 false

if length(password) between 6 and 12

length 🡨 true

for letter in password

if letter is a digit

digit 🡨 true

else if letter is uppercase

upper 🡨 true

else if letter is lower

lower 🡨 true

else

other 🡨 true

if digit or upper or lower or length =false or other =true

print(error message)

password 🡨 input(“please enter password”)

else

print(“password accepted”)

valid 🡨 true

|  |  |
| --- | --- |
| Date input | Outcome (explain the outcome) |
| Seret | Only 5 letters - fails |
| secret | Does not have capital - fails |
| Secret | Does not have a integer - fails |
| secret1 | Logical error. Password accepted |
| Secret 1 | Has a forbidden character space. - fails |
| Secr@t1 | Has a forbidden character @. - fails |
| Secret1 | Accepted |

“secret1” is accepted as a password because variables don’t reset back to false after each password attempt, To solve this problem define variables inside while loop.