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Python VS Turbo Pascal 7.0 ;)

Task: guess the password in three attempts

Python:

```
''' Guess the password in three tries'''

PASSWORD = 'admin1'

for i in range(1, 4):
    yourPassword = input('Enter password: ')
    if PASSWORD == yourPassword:
        print('Congratulations, you guessed the password')
        break
    else:
        print('Invalid password')
exit()
```

Turbo Pascal: https://www.onlinegdb.com/online_pascal_compiler#

Program password_
Uses Crt;

```
Const password = 'admin1';
Var text_of_password : String;
    counter_of_password, sum : Integer;
```

Label wrong_password, repeat_question, start;

```
Procedure exit;
Begin
    ClrScr;
    Textcolor(14);GotoXY(25,10);
    Writeln('Congratulation, you give good password');
    Delay(3000);Halt;
End;
```

```
Begin
repeat_question:
    ClrScr;
    Textcolor(14);GotoXY(30,11);Write('Give Password > ');
    Textcolor(0); Readln(text_of_password);
    Textcolor(14);
```

```
    If text_of_password<>password then
        Begin
            counter_of_password:=counter_of_password+1;
```

```
sum:=3-counter_of_password;  
GotoXY(20,11);  
Write('Attention, You give wrong password : ');  
Write('Has been rehearsed : ',sum);  
Delay(2000);  
  If sum=0 then  
    Begin Goto wrong_password;    end;  
  If (sum<=3) and (sum>0) then  
    Begin Goto repeat_question; end;  
  End Else  
    Begin exit;    end;
```

```
  Begin  
wrong_password:  
  ClrScr;  
  Textcolor(14);GotoXY(25,10);  
    Writeln('You have entered the wrong password, end of the program');  
  Delay(3000);Halt;  
  End;
```

```
Repeat Until KeyPressed;  
End.
```