def main():  
 out\_file = open(**'results.txt'**, **'w'**)  
 import random  
 score\_num = int(input(**"How many scores you want?**\n**"**))  
 for i in range (0,score\_num):  
 score = int(random.randrange(1,100))  
 if score < 0 or score > 100:  
 print(score,**"is Invalid score"**, file=out\_file)  
 elif score >= 90:  
 print(score,**"is Excellent"**, file=out\_file)  
 elif score >= 50:  
 print(score,**"is Passable"**, file=out\_file)  
 else:  
 print(score,**"is Bad"**, file=out\_file)  
  
main()

def main():  
 *### change\_type Ture means F->C, False means C->F* change\_type = True  
 in\_file = open(**'temps\_input.txt'**,**'r+'**)  
 out\_file = open(**'temps\_output.txt'**,**'w+'**)  
 count = len(in\_file.readlines())  
 list = in\_file.readlines()  
 for i in range(1,count+1):  
 if change\_type:  
 print((float(list[i])-28)/1.8, file=out\_file)  
 else:  
 print(float(list[i])\*1.8+28, file=out\_file)  
  
 in\_file.close()  
 out\_file.close()  
main()

MIN\_LENGTH = 2  
MAX\_LENGTH = 6  
SPECIAL\_CHARS\_REQUIRED = True  
SPECIAL\_CHARACTERS = **"!@#$%^&\*()\_-=+`~,./'[]<>?{}|**\\**"**def main():  
 print(**"Please enter a valid password"**)  
 print(**"Your password must be between"**, MIN\_LENGTH, **"and"**, MAX\_LENGTH,  
 **"characters, and contain:"**)  
 print(**"**\t**1 or more uppercase characters"**)  
 print(**"**\t**1 or more lowercase characters"**)  
 print(**"**\t**1 or more numbers"**)  
 if SPECIAL\_CHARS\_REQUIRED:  
 print(**"**\t**and 1 or more special characters: "**, SPECIAL\_CHARACTERS)  
 password = get\_password()  
 while not is\_valid\_password(password):  
 print(**"Invalid password!"**)  
 password = get\_password()  
 print(**"Your {}-character password is valid: {}"**.format(len(password),password))  
  
def get\_password():  
 import getpass  
 return (getpass.getpass(**"> "**))  
  
def is\_valid\_password(password):  
  
 count\_lower = 0  
 count\_upper = 0  
 count\_digit = 0  
 count\_special = 0  
 for char in password:  
 if char.isdigit():  
 count\_digit = count\_digit + 1  
 elif char.islower():  
 count\_lower = count\_lower + 1  
 elif char.isupper():  
 count\_upper = count\_upper + 1  
 elif char in SPECIAL\_CHARACTERS:  
 count\_special = count\_special + 1  
  
 if len(password) < MIN\_LENGTH or len(password) > MAX\_LENGTH:  
 return False  
 elif count\_digit == 0 or count\_lower == 0 or count\_upper == 0:  
 return False  
 elif SPECIAL\_CHARS\_REQUIRED is True and count\_special == 0:  
 return False  
 else:  
 return True  
  
main()