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from abc import ABC, abstractmethod
class AbstractWTS(ABC):
    @abstractmethod
    def welcome(self):
        pass
    @abstractmethod
    def test_data(self, name):
        pass
    @abstractmethod
    def count_vowels(self, name):
        pass
    @abstractmethod
    def calculate_grade(self, name, mark1, mark2):
class WTS(AbstractWTS):
    def __init__(self):
        self.vowel_count = {}
    def welcome(self):
        print("Welcome To WTS! We wish you the Best!!")
    def test_data(self, name):
        print(f"Welcome {name}!\nHave a nice day!")
    def count_vowels(self, name):
        vowels = "aeiouAEIOU"
        self.vowel_count = {v: 0 for v in vowels[:5]}
        count = 0
        for char in name:
            if char.lower() in vowels:
                count += 1
                self.vowel_count[char.lower()] += 1
        print(f"Count of Vowels are: {count}")
        for v, c in self.vowel_count.items():
            if c > 0:
                print(f"{v}: {c}")
    def calculate_grade(self, name, mark1, mark2):
        total_marks = mark1 + mark2
        if total marks > 95:
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grade = "E"
        elif 80 <= total marks <= 95:
            grade = "A+"
        elif 75 <= total_marks < 80:</pre>
            grade = "A"
        elif 60 <= total_marks < 75:</pre>
            grade = "B"
        else:
            grade = "F"
        print(f"{name}'s Grade: {grade}")
class PasswordManager:
    def __init__(self, password):
        self.password = password
    def validate_password(self):
        for char in self.password:
            if char.isdigit():
                print(f"Your Output will Break here -
{self.password[:self.password.index(char)]}")
                return
        print("Password is valid.")
    def skip_numbers(self):
        filtered_password = "".join([char for char in self.password if not
char.isdigit()])
if __name__ == "__main__":
    wts = WTS()
    wts.welcome()
    name = input("Please input a name: ").strip()
    wts.test_data(name)
    wts.count_vowels(name)
    try:
        mark1 = int(input(f"Enter the first mark for {name}: ").strip())
        mark2 = int(input(f"Enter the second mark for {name}: ").strip())
        wts.calculate_grade(name, mark1, mark2)
    except ValueError:
        print("Marks must be numerical values.")
    password = input("Enter a password to validate (no numerical values
allowed): ").strip()
   password manager = PasswordManager(password)
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password_manager.validate_password()

password_with_skip = input("Enter a password to skip numbers: ").strip()
password_manager = PasswordManager(password_with_skip)
password_manager.skip_numbers()
```