

```

class User:
    def __init__(self, username):
        self._username = username
        self._password = None

    def set_password(self, password):
        if len(password) < 8:
            raise ValueError("Password must be at least 8 characters long.")

        if not any(char.isdigit() for char in password):
            raise ValueError("Password must contain at least one number.")

        if not any(char in "!@#$%^&*(),.?\"':{}|<>" for char in password):
            raise ValueError("Password must contain at least one special character.")

        self._password = password

    def check_password(self, input_password):
        return input_password == self._password

```

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class Product:
    def __init__(self, name, price, stock):
        self._name = name
        self._price = None
        self._stock = None
        self.set_price(price)
        self.set_stock(stock)

    def set_price(self, price):
        if price <= 0:
            raise ValueError("Price must be greater than 0.")
        self._price = price

    def set_stock(self, stock):
        if not isinstance(stock, int) or stock < 0:
            raise ValueError("Stock must be a non-negative integer.")
        self._stock = stock

    def get_stock(self):
        return self._stock

```

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class Student:
    def __init__(self, name, age, marks):

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self._name = None
self._age = None
self._marks = None
self.set_name(name)
self.set_age(age)
self.set_marks(marks)
```

```
def set_name(self, name):
    self._name = name
```

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def get_name(self):
    return self._name
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```
def set_age(self, age):
    if not (5 <= age <= 100):
        raise ValueError("Age must be between 5 and 100.")
    self._age = age
```

```
def get_age(self):
    return self._age
```

```
def set_marks(self, marks):
    if not (0 <= marks <= 100):
        raise ValueError("Marks must be between 0 and 100.")
    self._marks = marks
```

```
def get_marks(self):
    return self._marks
```

```
user = User("hari_ni")
user.set_password("Password123!")
print(user.check_password("Password123!"))
```

```
product = Product("Laptop", 1500, 50)
print(product.get_stock())
```

```
student = Student("Harini", 20, 85)
print(student.get_name())
print(student.get_age())
print(student.get_marks())
```

