```
class password:
    def validate(text):
        uppercase_count=0
        lowercase_count=0
        digit_count=0
        special_count=0
        length=len(text)
        for i in text:
            if i.isupper():
                uppercase_count+=1
            elif i.islower():
                lowercase_count+=1
            elif i.isdigit():
                digit_count+=1
            else:
                special_count+=1
        if uppercase_count>=1 and lowercase_count>=1 and
digit_count>=1 and special_count>=1 and length>=8:
            print("your password is valid")
        else:
            print("your password is not valid")
user_input=input()
password.validate(user_input)



import re
class TextProcessor:
    def __init__(self, text):
        self.text = text
        self.sentences = []
```

```
    def split_into_sentences(self):
        self.sentences = re.split(r'(?<=[.!?])\s+',
self.text.strip())
        return self.sentences
    def process_sentences(self):
        processed_data = []
        for sentence in self.sentences:
            word_count = len(sentence.split())
            processed_data.append({"sentence":
sentence,"word_count": word_count})
        return processed_data
input_text = input()
processor = TextProcessor(input_text)
print("Split Sentences:")
sentences = processor.split_into_sentences()
for sentence in sentences:
    print(f"{sentence}")
print("\nProcessed Sentence Data:")
processed_data = processor.process_sentences()
for data in processed_data:
    print(f"Sentence: {data['sentence']}",f"Word Count:
{data['word_count']}")
```