

5b. Develop a python program that could search the text in a file for phone numbers (+919900889977) and email addresses (sample@gmail.com).

```
import re
```

```
# Define the regular expression for phone numbers
```

```
phone_regex = re.compile(r'\+\d{12}')
```

```
email_regex = re.compile(r'[A-Za-z0-9._]+@[A-Za-z0-9]+\.[A-Z|a-z]{2,}')
```

```
# Open the file for reading
```

```
with open('example.txt', 'r') as f:
```

```
# Loop through each line in the file
```

```
for line in f:
```

```
# Search for phone numbers in the line
```

```
matches = phone_regex.findall(line)
```

```
# Print any matches found
```

```
for match in matches:
```

```
    print(match)
```

```
matches = email_regex.findall(line)
```

```
# Print any matches found
```

```
for match in matches:
```

```
    print(match)
```