

```
# training the chatbot
```

```
small_convo = [
```

```
    'Hi there!',
```

```
    'Hi',
```

```
    'How do you do?',
```

```
    'How are you?',
```

```
    'I\'m cool.',
```

```
    'Always cool.',
```

```
    'I\'m Okay',
```

```
    'Glad to hear that.',
```

```
    'I\'m fine',
```

```
    'I feel awesome',
```

```
    'Excellent, glad to hear that.',
```

```
    'Not so good',
```

```
    'Sorry to hear that.',
```

```
    'What\'s your name?',
```

```
    'I\'m swetha. Ask me a math question, please.'
```

```
]
```

```
math_convo_1 = [
```

```
    'Pythagorean theorem',
```

```
    'a squared plus b squared equals c squared.'
```

```
]
```

```
math_convo_2 = [
```

```
'Law of Cosines',  
'c**2 = a**2 + b**2 - 2*a*b*cos(gamma)'  
]
```

Output

```
# starting a conversation
```

```
>>> print(myBot.get_response("Hi, there!"))
```

Hi

```
>>> print(myBot.get_response("What's your name?"))
```

I'm Swetha. Ask me a math question, please.

```
>>> print(myBot.get_response("Do you know Pythagorean theorem"))
```

a squared plus b squared equals c squared.

```
>>> print(myBot.get_response("Tell me the formula of law of cosines"))
```

```
c**2 = a**2 + b**2 - 2*a*b*cos(gamma)
```