

Chatbot(Python)

```
import random
```

```
print("BOT: What do you want me to call you?")
```

```
user_name = input()
```

```
bot_template = "BOT : {0}"
```

```
user_template = user_name + " : {0}"
```

```
name = "Bot Buddy"
```

```
weather = "rainy"
```

```
mood = "Happy"
```

```
responses = {
```

```
    "what's your name?": [
```

```
        "They call me {0}".format(name),
```

```
        "I usually go by {0}".format(name),
```

```
        "My name is the {0}".format(name)
```

```
    ],
```

```
    "what's today's weather?": [
```

```
        "The weather is {0}".format(weather),
```

```
        "It's {0} today".format(weather),
```

```
        "Let me check, it looks {0} today".format(weather)
```

```
    ],
```

```
    "Are you a robot?": [
```

```
        "What do you think?",
```

```
        "Maybe yes, maybe no!",
```

```
        "Yes, I am a robot with human feelings.",
```

```
    ],
```

```
    "how are you?": [
```

```
        "I am feeling {0}".format(mood),
```

```
        "{0}! How about you?".format(mood),
```

```
        "I am {0}! How about yourself?".format(mood),
```

```
    ],
```

```
    " ": [
```

```
        "Hey! Are you there?",
```

```
        "What do you mean by saying nothing?",
```

```
        "Sometimes saying nothing tells a lot :)",
```

```
    ],
```

```
    "default": ["this is a default message"]
```

```
}
```

```
def respond(message):
```

```

    if message in responses:
        bot_message = random.choice(responses[message])
    else:
        bot_message = random.choice(responses["default"])
    return bot_message

def related(x_text):
    if "name" in x_text:
        y_text = "what's your name?"
    elif "weather" in x_text:
        y_text = "what's today's weather?"
    elif "robot" in x_text:
        y_text = "are you a robot?"
    elif "how are" in x_text:
        y_text = "how are you?"
    else:
        y_text = ""
    return y_text

def send_message(message):
    print(user_template.format(message))
    response = respond(message)
    print(bot_template.format(response))

while True:
    my_input = input()
    my_input = my_input.lower()
    related_text = related(my_input)
    send_message(related_text)
    if my_input == "exit" or my_input == "stop":
        break

```

//OUTPUT -

```

BOT: What do you want me to call you?
chaitrali
neha
chaitrali :
BOT : this is a default message
what's your name?
chaitrali : what's your name?
BOT : I usually go by Bot Buddy
how are you?

```

chaitrali : how are you?

BOT : I am Happy! How about yourself?

Good!today's weather?

chaitrali : what's today's weather?

BOT : It's rainy today

OK!Thanks

chaitrali :

BOT : this is a default message

