

## intent:thanks

- Thanks
- thanks a ton
- thanks a lot
- thnx
- thanks
- thanks very much
- thank you very much
- Thankyou
- ty
- tysm
- Thank You
- thanks for help
- Its so convenient talking to you.

## intent:deny

- nop
- no i am not
- No, I changed my mind.
- nope
- no way
- no chance
- No chance
- not a chance
- no
- Not possible
- nay
- No, i want to check few things before that.
- Nope
- nono
- naah

- no chance
- not a chance
- forget it
- Nah
- Not at all
- forget it

## intent:diff\_domains

- I am looking for a [sales](diff\_domains)and marketing chatbot.
- I have a small [food delivery](diff\_domains) business in my region, can you help me with that
- Do you provide service in [agriculture](diff\_domains) domain.
- Do you offer your serices to [medium sized](diff\_domains) enterprises?
- Do you provide assistance in [sales marketing](diff\_domains)?
- Had Saarthi ever coordinated with [mid sized companies](diff\_domains)?
- what are the areas in which you provide [service](diff\_domains)
- Let me know if you guys work for [banking](diff\_domains).
- Which size of [enterprises](diff\_domains) do you serve usually?
- Do you serve small scale [businesses](diff\_domains)?
- could you help me assist in [sales marketing](diff\_domains)?
- My company works for [ecommerce](diff\_domains). Do you provide services in this domain?
- I am from [IT](diff\_domains) do you have experience in this domain
- Can i get a list of all the [domains](diff\_domains) that you are involved in
- What domain is your company currently working for?
- Do you provide service in [healthcare](diff\_domains)
- Do you make bots for [telecommunication](diff\_domains) domain?
- I have a [small scale business](diff\_domains) need your help to grow it further
- please provide me a brief information about all your domains
- Is there any chance of a small sized buisiness being served by your company?
- What kind of [enterprizes](diff\_domains) do you have worked with till now?
- do you provide services for sales marketing?
- Do you work for only [high scaled](diff\_domains) businesses?

- My company is in agricultural [product manufacturing](diff\_domains). do you have expertise in this?
- if you serve [medium scale](diff\_domains) businesses then we can talk further
- what all kind of [enterprise functions](diff\_domains) you guys provide?
- Can you provide me help in Sales marketing?
- any specific domain that is the motto of your company.
- Which scaled enterprizes do you provide your services?
- Is there any specific domain you are active in?
- Do you work om sales marketing?
- Do you provide service in [hospitality](diff\_domains)
- I want to automate my [customer service](diff\_domains), do you provide such services

## intent:greet

- How you doin
- Hey how are you
- What is up
- I'm in
- How have you been
- hi friend
- How's your day
- wassup
- How are you doing
- hi im [Krishna](name)
- How is everything going on?
- Hey friend
- how are things going
- how are you recently !
- How is your day going?
- what can you do to help me?
- How is the josh
- so long

- Whats up
- Hello how you doing
- What is going on, go on!
- How are you
- How's your day going
- Good Evening!
- Hey whats going on
- What's happening
- Good Morning!
- How was your day
- Hello my friend
- Hello my dear friend!
- Hello Mate!
- Hello how are you
- How are you today?

## intent:explain

- I am a [startup](explain) having 20 employees. Does your company collaborate in such cases?
- Can i know the [size of businesses](explain) you guys support
- Can you provide me help in [Lead generation](explain)?
- How well do you cater to large scaled businesses?
- How can I [speak](explain) with the team
- How can I [meet](explain) with the team.
- Do you provide assistance in Lead generation?
- Do you pick companies based on their scales?
- I'm a small shop owner.. can you help me

## intent:happy

- I'm glad we met!
- You are perfect
- yes it is clear

- you are so Awesome !
- good job
- You're so great.
- your work is to the point
- perfect
- you are always right
- You are so nice.
- You are so fast in resolving my queries... I am amazed!
- no one like you !
- You are awesome!
- its good to see how easily you handle things
- You got that right mate.
- Dude you are smart!
- You're so thoughtful.
- I appreciate that
- Amazing
- appreciate it!
- you are on point
- well done
- great work
- You can solve my problem!
- Fantastic
- You are very cool!
- good job
- You are awesome
- that's great.
- Bravo
- thats great
- indeed
- Superb
- I'm happy with that

- You are supernatural!

## intent:affirm

- Awesome

- yep

- ye

- yes

- exactly

- happy yes

- sure

- spot on

- yip

- I'd say yes

- um yeh

- Cool!

- You are my best friend

- you're right

- I'd say so

- uh huh

- no nothing else

- totes

- Outstanding

- Adios

- correct

- alright

- ok

- You are right

- cool

## intent:weather\_details

- the sky is clear

- the sky is not clear

## intent:goodbye

- bye

- Talk to you later

- take care

- au revoir

- alrighty then

- Bye

- have a good day

- bye bye

- See you around

- Bubyee

- let's go

- see ya

- See you

- See you soon

- ok bye

- Got to go

- Later Alligator

- laters

- see you

- Tata

- Goodbye

- good bye

- thank you good bye

- see you round

- Asta la vista

- Gotta go

## intent:identity

- tell me your [capabilities](identity)
- what are you [capable](identity) of
- What is your [purpose](identity)?
- What's your [skill](identity)?
- How can you be of my [help](identity)?
- for what [purpose](identity) you are made
- What are your [capabilities](identity)?
- tell me [everything](identity) that you can do
- how can you [solve my problem](identity)?
- can you solve [my problem](identity)?
- so tell me [things which](identity) you can do
- Please let me know what can you [do for me](identity)?
- How can you [help](identity) me?
- What can you do for me?
- How can you help me?
- I need to know how you can help me out
- How can you solve problem?
- can you help me?
- tell me what can you do?
- I would like to know more about your capabilities
- What are the things that you can do for me
- What can you do for me?
- could you help me [assist](identity) in lead generation?
- tell me about your capabilities
- what are your [superpowers](identity)?
- what can you do?
- What all can you do?
- Which all things are you [programmed](identity) for
- what other things you can do
- How are you [useful](identity) to me
- would love to know your capabilities



- brief me about your [abilities](identity)
- What are the things you can help me with
- What else can you do?
- how can you serve me?
- What are your capabilities?
- Tell me things you are programmed to do?
- tell me everything that you can do
- Please tell me how you can help me

## regex:greet

- hey[^\s]\*

## intent:email\_id

- How can I reach out over e-mail
- Give your mail id details?
- tell me your email address

## intent:onboarding\_info

- could you help me assist in user onboarding?
- How can you help me in User onboarding?
- Do you work in user onboarding?

## intent:registration\_info

- i am not registered
- yes i am registered

Q1:

## intent:customer\_support

- Can I talk to someone over a [call](customer\_support)
- Do you provide assistance in [customer support](customer\_support)?
- Can i get in [contact](customer\_support) with the customer support

- Your contact details?
- I need to quickly [connect](customer\_support) over phone can you share number
- Can you share with me contact [number](customer\_support)
- Could you help me assist in customer support?
- Show me contact number.
- I have a requirement and want contact detail
- Show me contact details
- Please give me your contact details.

## intent:restart

- restart
- i want to restart the conversation
- please restart this conversation
- start again
- start over please
- let's start over
- lets start fresh
- back to the beginning
- let's go back to the start
- start over
- can we start again please
- start

5)

```
import copy
import re

from itertools import combinations

def print_utternaces(utterances):
    print('Generated Utterances')
    for utterance in utterances:
        print(utterance)

def read_entities():
    entities = []
    num_entities = int(input("Enter Number of Entities: "))
    # read entities
```

```

    for i in range(num_entities):
        entities.append(input("Enter Entity: "))
    return entities

def read_utterances():
    utterances = []
    num_utterances = int(input("Enter Number of Utterances: "))
    # read entities
    for i in range(num_utterances):
        utterances.append(input("Enter Utterance: "))
    return utterances

def replace_entities(utterances, entities):
    utterances_gen = []
    for utterance in utterances:
        keys = len(re.findall('<>', utterance))
        for matched_entities in combinations(entities, keys):
            utterance_gen = copy.deepcopy(utterance)
            for entity in matched_entities:
                utterance_gen = utterance_gen.replace('<>', entity, 1)
            utterances_gen.append(utterance_gen)
    return utterances_gen

def gen_utterance():
    entities_list = read_entities()
    utterance_list = read_utterances()
    utterances_gen = replace_entities(utterance_list, entities_list)
    print_utternaces(utterances_gen)

if __name__ == '__main__':
    gen_utterance()

```

8)

```

from collections import Counter
d1 = {'a': 100, 'b': 200, 'c':300}
d2 = {'a': 300, 'b': 200, 'd':400}
d = Counter(d1) + Counter(d2)
print(d)

```

7)

```

import re
p= input("Input your password")
x = True
while x:
    if (len(p)<6 or len(p)>12):
        break
    elif not re.search("[a-z]",p):

```

```
        break
    elif not re.search("[0-9]",p):
        break
    elif not re.search("[A-Z]",p):
        break
    elif not re.search("[$#@]",p):
        break
    elif re.search("\s",p):
        break
    else:
        print("Valid Password")
        x=False
        break
```

```
if x:
    print("Not a Valid Password")
```