

```
import random
```

```
# define the responses
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```
responses = {
```

```
    "hi": ["Hello", "Hi there", "Hi"],
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```
    "how are you":
```

```
        ["I'm doing fine, thank you", "I'm doing well, thank you for asking"],
```

```
    "what's your name": ["My name is Raju kumar", "You can call me ChatBot"],
```

```
    "how many courses are there":
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```
        ["NIT Jamshedpur offers BTech,MCA,PhD,Mtech and Msc course"],
```

```
    "courses":
```

```
        ["NIT Jamshedpur offers BTech,MCA,PhD,Mtech and Msc course"],
```

```
    "how many courses":
```

```
        ["NIT Jamshedpur offers BTech,MCA,PhD,Mtech and Msc course"],
```

```
    "what is nit jamshedpur": ["NIT Jamshedpur is a premier technical institute located in Jamshedpur, Jharkhand",
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```
                                "NIT Jamshedpur is one of the top engineering colleges in India"],
```

```
    "which courses are offered at nit jamshedpur": ["NIT Jamshedpur offers undergraduate, postgraduate, and doctoral courses in various fields of engineering, science, and humanities"],
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```
    "what is the campus like at nit jamshedpur": ["NIT Jamshedpur has a sprawling campus spread over 341.3 acres with state-of-the-art facilities",
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                                "The campus of NIT Jamshedpur is green, clean, and serene"],
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    "what is the placement scenario at nit jamshedpur": ["NIT Jamshedpur has a good placement record, with many top companies visiting the campus for recruitment every year"],
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```
    "what are the notable alumni of nit jamshedpur": ["Some of the notable alumni of NIT Jamshedpur are Sunita Narain, Subir Sachdev, and Avijit Ghosh"],
```

```
    "how can I apply to nit jamshedpur": ["You can apply to NIT Jamshedpur through the JEE Main or GATE exams, depending on the course you wish to pursue"],
```

```
    "what is the ranking of NIT Jamshedpur?":["NIT Jamshedpur is ranked among the top engineering colleges in India by various ranking agencies such as NIRF, Outlook India, and India Today."],
```

```
    "does nit jamshedpur have a hostel facility?":[" Yes, NIT Jamshedpur provides hostel facilities to all its students. There are separate hostels for boys and girls, and the rooms are well-equipped with basic amenities."],
```

```
    "hi": ["Hello!", "Hi there!", "Hey!"],
```

"what is the ranking of NIT Jamshedpur?":["NIT Jamshedpur is ranked among the top engineering colleges in India by various ranking agencies such as NIRF, Outlook India, and India Today."],

"does nit jamshedpur have a hostel facility?":[" Yes, NIT Jamshedpur provides hostel facilities to all its students. There are separate hostels for boys and girls, and the rooms are well-equipped with basic amenities."],

"how is the research infrastructure at NIT Jamshedpur?":["NIT Jamshedpur has state-of-the-art research infrastructure and facilities. The college has well-equipped research labs, centers of excellence, and collaborations with leading research institutions and industries."],

"how is the alumni network of NIT Jamshedpur?":[" NIT Jamshedpur has a strong and active alumni network spread across the world. The alumni of NIT Jamshedpur have made significant contributions to various fields and industries."],

"what are the extracurricular activities offered at NIT Jamshedpur?":["NIT Jamshedpur offers a wide range of extracurricular activities, including sports, cultural events, technical fests, and social activities. There are various clubs and societies for students to participate in and develop their skills and interests."],

"how is the industry interface of NIT Jamshedpur?":["NIT Jamshedpur has a strong industry interface and collaborations with leading industries. The college provides various opportunities for students to interact with industry professionals, participate in internships and projects, and develop their skills and knowledge relevant to the industry."],

"what is nit jsr": ["NIT Jamshedpur is a public technical and research university located in Jamshedpur, Jharkhand, India.", "NIT Jamshedpur is one of the 31 National Institutes of Technology in India.", "NIT Jamshedpur offers undergraduate, postgraduate, and doctoral programs in various fields of engineering, science, and humanities."],

"what courses are offered at nit jsr": ["NIT Jamshedpur offers undergraduate, postgraduate, and doctoral programs in various fields of engineering, science, and humanities. Some of the popular courses are BTech, MTech, MBA, and PhD.", "NIT Jamshedpur offers courses in various fields of engineering, such as computer science, mechanical engineering, electrical engineering, civil engineering, and metallurgical and materials engineering.", "NIT Jamshedpur also offers courses in science, humanities, and management."],

"what is the campus like at nit jsr": ["The NIT Jamshedpur campus is spread over an area of 341 acres and is located in a serene and picturesque environment.", "The NIT Jamshedpur campus has state-of-the-art infrastructure and facilities, including modern lecture halls, well-equipped labs, a central library, sports facilities, and residential facilities for students and faculty.", "The NIT Jamshedpur campus also has a rich cultural and social life, with various clubs and societies for students to participate in."],

"where is nit jsr located": ["NIT Jamshedpur is located in Jamshedpur, Jharkhand, India.", "NIT Jamshedpur is situated on the outskirts of Jamshedpur, in a serene and picturesque environment.", "Jamshedpur is a well-planned industrial city, known for its steel industry and various other industries."],

"default": ["Sorry, I didn't understand what you said.", "Could you please repeat that?", "I'm not sure what you mean."]

```
}

# define a function to generate a response
def get_response(user_input):
    if user_input.lower() in responses:
        return random.choice(responses[user_input.lower()])
    else:
        return "I'm sorry, I don't understand what you're saying."

# main function
def main():
    print("Welcome to NIT Jamshedpur")
    print("Hello, I'm Raju. How can I help you?")

# start the conversation
while True:
    # get the user's input
    user_input = input("> ")

    # generate a response
    response = get_response(user_input)

    # print the response
    print(response)

# end the conversation if the user says "bye"
if user_input.lower() == "bye":
    break

# run the main function
if __name__ == "__main__":
    main()
```