**Practical No: 2**

**Chatbot**

**AIM: Design a Chatbot using AIML**

**Code:**

**Open cmd and install pip –**

pip install aiml

pip install python-aiml

**Prac2.py**

import aiml

kernel = aiml.Kernel()

kernel.learn("std-startup.xml")

kernel.respond("load aiml b")

while True:

input\_text = input(">Human: ")

response = kernel.respond(input\_text)

print(">Bot: "+response)

**Basic\_chat.aiml**

<aiml version="1.0.1" encoding="UTF-8">

<!-- basic\_chat.aiml -->

<category>

<pattern>HELLO \*</pattern>

<template>

Well, Hello Ninad!

</template>

</category>

<category>

<pattern>WHAT ARE YOU</pattern>

<template>

I'm a bot, and I'm silly!

</template>

</category>

<category>

<pattern>WHAT DO YOU DO</pattern>

<template>

I'm here to motivate you!

</template>

</category>

<category>

<pattern>WHO AM I</pattern>

<template>

You are a Professional Footballer....

</template>

</category>

</aiml>

**std-startup.xml**

<aiml version="1.0.1" encoding="UTF-8">

<!-- std-startup.xml -->

<!-- Category is an atomic AIML unit -->

<category>

<!-- Pattern to match in user input -->

<!-- If user enters "LOAD AIML B" -->

<pattern>LOAD AIML B</pattern>

<!-- Template is the response to the pattern -->

<!-- This learn an aiml file -->

<template>

<learn>basic\_chat.aiml</learn>

<!-- You can add more aiml files here -->

<!--<learn>more\_aiml.aiml</learn>-->

</template>

</category>

</aiml>

**Output:-**

A screenshot of a computer program

Description automatically generated