**PRACTICAL: 1**

AIM: Design An Expert System Using AIML.

Code:

**pract1.py**

import aiml

# Create a kernel

kernel = aiml.Kernel()

# Load AIML files

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

kernel.learn("basic\_chat.aiml") # Load your AIML files here

# Enter the conversation loop

while True:

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

response = kernel.respond(input\_text)

print(">Bot: " + response)

**std-statup.xml**

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

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

<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>

**basic\_chat.aiml**

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

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

<category>

<pattern>HELLO </pattern>

<template>

Well, hello human

</template>

</category>

<category>

<pattern>WHAT ARE YOU</pattern>

<template>

I'm a chatbot

</template>

</category>

<category>

<pattern> WHAT DO YOU DO </pattern>

<template>

I'm the chatbot magician – turning your questions into laughter spells!

</template>

</category>

<category>

<pattern> WHO I AM </pattern>

<template>

You are Yash Karkhanis, and you have developed me :)

</template>

</category>

</aiml>