**PRACTICAL: 2**

**AIM: Design a bot using AIML.**

Code:

**pract2.py**

import aiml

# Create the kernel

kernel = aiml.Kernel()

# Load AIML files

kernel.learn("simple\_bot.aiml")

while True:

user\_input = input("You: ").upper() # Convert input to uppercase

bot\_response = kernel.respond(user\_input)

print("Bot:", bot\_response)

**simple\_bot.aiml**

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

<category>

<pattern>HELLO</pattern>

<template>

Hello User

</template>

</category>

<category>

<pattern>SUNDAY</pattern>

<template>

The Day of the week before Monday and following Saturday

</template>

</category>

<category>

<pattern>MONDAY</pattern>

<template>The Day of the week before Tuesday and following Sunday</template>

</category>

<category>

<pattern>TUESDAY</pattern>

<template>The Day of the week before Wednesday and following Monday</template>

</category>

<category>

<pattern>WEDNESDAY</pattern>

<template>The Day of the week before Thrusday and following Tuesday</template>

</category>

<category>

<pattern>THRUSDA</pattern>

<template>The Day of the week before Friday and following Wednesday</template>

</category>

<category>

<pattern>FRIDAY</pattern>

<template>The Day of the week before Saturday and following Thrusday</template>

</category>

<category>

<pattern>SATURDAY</pattern>

<template>The Day of the week before Sunday and following Friday</template>

</category>

</aiml>