|  |  |  |  |
| --- | --- | --- | --- |
| A picture containing drawing, stop, room  Description automatically generated | Applied Artificial Intelligence  Practical # 10 | | |
|  |  |  |  |
|  |  |  |  |
| **Name** | Ninad Kalekar | **Roll Number** | 22306A1012 |
| **Subject/Course:** | Applied Artificial Intelligence | **Class** | M.Sc. IT – Sem III |
| **Topic** | Intelligent agents | **Batch** | 1 |
|  |  |  |  |
| **Topic**: **Intelligent Agents** | | | |
| 1. **AIM: Design an Artificial Intelligence application to implement intelligent agents.**   **Code:**  class ClothesAgent:  def \_\_init\_\_(self):  self.weather = None    def get\_weather(self):  # Simulating weather conditions (you can modify this as needed)  self.weather = input("Enter the weather (sunny, rainy, windy, snowy): ").lower()  def suggest\_clothes (self):  if self.weather == "sunny":  print("It's sunny outside. You should wear light clothes, sunglasses, and sunscreen.")  elif self.weather == "rainy":  print("It's rainy outside. Don't forget an umbrella, raincoat, and waterproof shoes.")  elif self.weather == "windy":\  print("It's windy outside. Wear layers and a jacket to stay warm.")  elif self.weather == "snowy":  print("It's snowy outside. Dress warmly with a heavy coat, gloves, and boots.")  else:  print("Sorry, I don't understand the weather condition. Please enter sunny, rainy, windy, or snowy.")  def main():  agent = ClothesAgent()  agent.get\_weather()  agent.suggest\_clothes()  if \_\_name\_\_ == "\_\_main\_\_":  main()  **Output:** | | | |