

Program:

```
# Sample code for disease prediction based on symptoms
def predict_disease(symptoms):
    # Placeholder for actual machine learning model
    # In practice, this would involve loading a trained model and
    preprocessing input
    if "itching" in symptoms.lower() and "skin rash" in
symptoms.lower():
        return "Impetigo"
    elif "chest pain" in symptoms.lower() and "shortness of breath" in
symptoms.lower():
        return "Heart Attack"
    else:
        return "Unknown Disease"

# Example usage
input_symptoms = "Itching, Skin Rash, Nodal Skin Eruptions"
predicted_disease = predict_disease(input_symptoms)
print(f"Predicted Disease: {predicted_disease}")
```

output:

Impetigo