**Chapter 7**

**Conclusion**

Robotics arms can be used for a variety of purposes. If you are speaking about a prosthetic arm, it not only gives people their arm back but can also give them improved abilities, like not getting injuries on their arm or even making them stronger. For industrial purposes, the fact that arms can be automated gives the productivity of endless number of workers that never get tired, never get bored and need very little supervision.

The advantage of robotics in an industrial setting, where most of them are used, notable, including increased product quality and quantity and ability to work inhospitable environments, and freedom from natural human needs like food and rest. There are, however some limitations of robotics in area such as creativity, innovation, independent thinking and making complicated decisions that lead to a projection that human will remain in charge of robots rather than vice-versa.

By using Arduino programming, a precise controlling system has been developed. An inference can be made from the observations that the robotic arm mimics the miniature arm movements accurately and precisely. Hence this miniature arm should resolve the issues that arises in the applications of the robotic arms. Due to the wear and tear of the robotic arm the error might have some negligible tolerance which can be corrected by calibrating the potentiometers.