# Chapter 1

1. **Is it possible to develop a humanoid with lego Mindstorm NXT?**

It is possible to develop a humanoid robot, Lego Mindstorm has 577 pieces and I’ve researched and found examples of human shaped robots using Lego Mindstorms

1. **Find three uses of java for not robotics projects**

Develop applications for the Web

 Mobile Development (Information Devices Profile)

Batch processing

1. **¿What is UML? ¿How to use UML in robotics?**

UML Is a standardized modeling language used for engineering Object orientated software. UML is used in robotics to create a software architecture for the robots control

1. **Do you know humanoid robots in the market?**

Nao  which is an autonomous, programmable, medium-sized humanoid robot, developed by Aldebaran Robotics, a French startup company headquartered in Paris.

1. **If you could deploy a robot where do you use it?**

I would use a robot to substitute humans with dangerous jobs

1. **Do you consider that robot is useful for risky places? What is a risky task for you?**

Yes, I think that should be their main purpose, for example mine clearing. This would be a suitable job for a robot rather than for a human

1. **Do you think that real robots are similar than sci-fi robots? What are the differences? What features are similar?**

No, sci-fi robots act too much like humans and it’s not possible with the recent technology. Right now they can only be programmed for certain tasks and would require a more powerful process power to cope with all human functions. On the contrary their aspects are starting to become more alike.

1. **Do you have many opportunities in your city to learn robotics? How can you solve this?**

Yes I do, I have taken part in a robotics lesson in which we used java to program a virtual robot and also in another subject about artificial intelligence called automaton and formal languages.