Lesson 6: Toolchain (Assignment 6)

SourceCode - hello\_c

A screenshot of a computer

Description automatically generated

Output - file hello (rpi -64 bit)

A computer screen with white text and blue text

Description automatically generated

Command - wget <https://buildroot.org/downloads/buildroot-2023.02.7.tar.gz>

A screenshot of a computer

Description automatically generated

Command - tar tf buildroot-2023.02.7.tar.gz | head

A screenshot of a computer

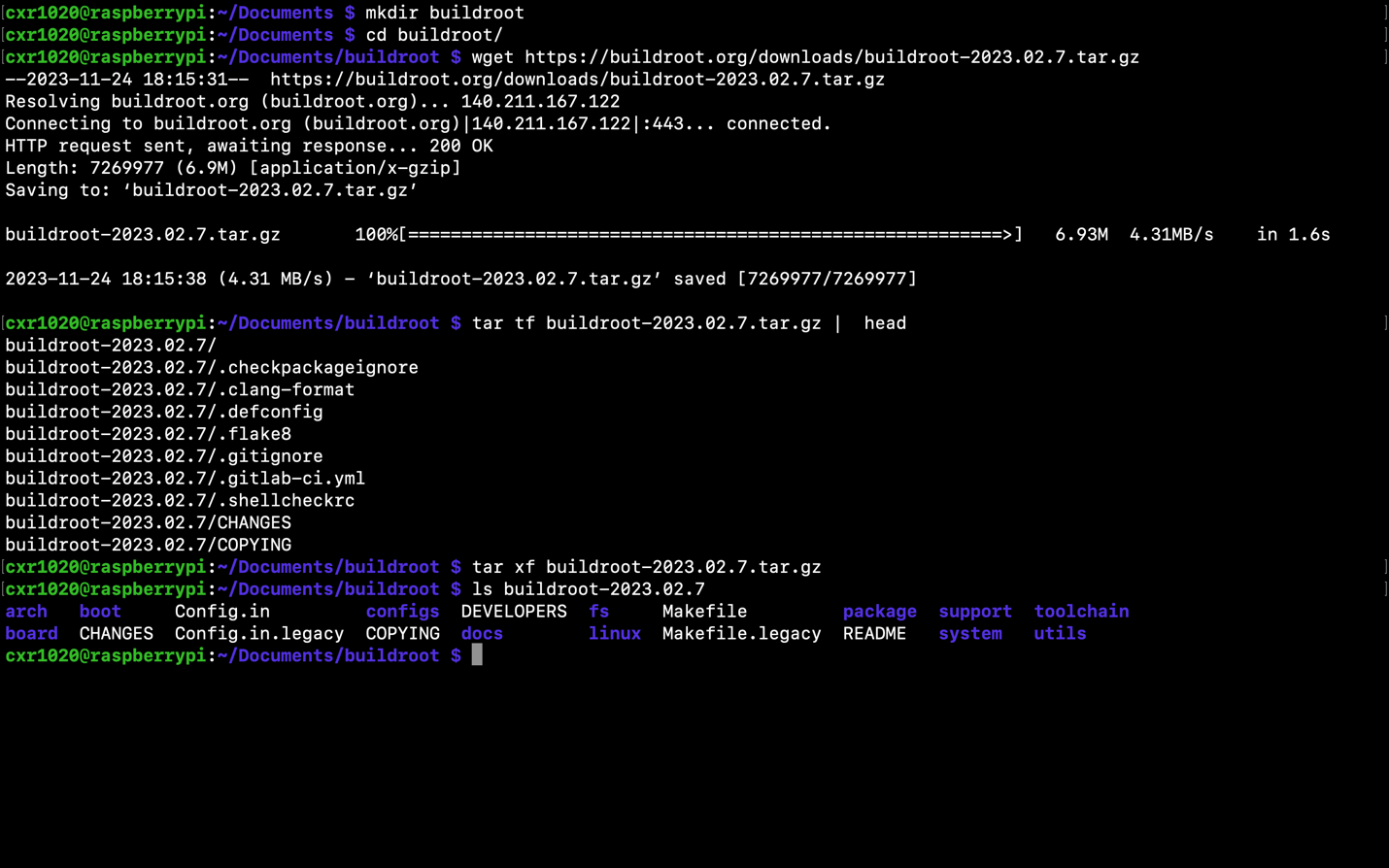
Description automatically generated

Command - tar xf buildroot-2023.02.7.tar.gz

A screenshot of a computer screen

Description automatically generated

Command - ls buildroot-2023.02.7



Output – README



Command - make menuconfig (failed due to missing ncurses)A screenshot of a computer program

Description automatically generated

Command. - sudo apt-cache search libncurses

A screenshot of a computer

Description automatically generated

Command - sudo apt install libncurses-dev

A screenshot of a computer

Description automatically generated

Command - make menuconfig (success)

A screenshot of a computer

Description automatically generated

Command - ls configs/

A screenshot of a computer screen

Description automatically generated

Command - make raspberrypi4\_defconfig

A computer screen shot of a program

Description automatically generated

Output - make menuconfig

A screenshot of a computer

Description automatically generated

Output - make menuconfig (toolchain)

A screenshot of a computer program

Description automatically generated

Output - make menuconfig (C library)

A computer screen shot of a blue screen

Description automatically generated

Output - make menuconfig (System Configuration) (notice that init system would be busybox instead of systemd)

A screenshot of a computer

Description automatically generated

Output - time make (buildroot)

A screen shot of a computer screen

Description automatically generated